The Canadian Rose Annual 1989

Ethel Freeman

EDITOR

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EDITOR'S NOTEBOOK

This year's Rose Annual reflects a personal bias of mine. After several disastrous winters, I have become really tired of replacing roses every spring. More and more, I find myself planting winter hardy roses - any kind and any variety that will survive our winters, and especially any that will survive without winter protection. And, except for the ardent exhibitors, so many others seem to feel the same way. So, this Rose Annual looks at many of these different, but "carefree", roses. It contains articles on hybrid perpetuals, hybrid musks, new Canadian shrub roses, hardy old garden roses and the new Austin "English" roses.

For those roses which must still be winter protected, there is George Pagowski's "Poly-e-foam" method of winter protection, as practised at the Royal Botanical Gardens, and then a practical look at using this method from Gib Whittamore.

Once you have been converted to a life of gardening ease and are growing some of these "different" roses, you will want to bring them into the house and arrange them to best advantage, as described by Mary Baillie. Milton Cadsby will take you along on a trip of a lifetime to the Rose Trials at Bagatelle in Paris. And lastly, because there is always a fly in paradise (in this case, a wasp), Professor J.D. Shorthouse will acquaint you with a new pest that appears to be attacking rugosa roses.

I hope you will be inspired to try some of these different types of roses. They are all beautiful, each in its own way, and every garden has room for one or two of them. And gradually, like me, you will come to appreciate them for their beauty and fragrance and, above all, for their ease of growth.

Our thanks to Larry Sherk of Sheridan Nurseries for the photograph of 'H.C. Anderson', to Lynn Collicutt of Agriculture Canada for 'Morden Blush', to Ian Ogilvie for 'J. P. Connell', to Jim Whan of Winnipeg for the pictures of the National Rose Show and to all our authors for their efforts. And of course, special thanks to Audrey Brisbane and Rachel Flood for their continued excellent work on the Clearing House, the heart of the Annual.

Happy reading!

Ethel Freeman

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Cecil Lamrock	46 Marrakesh Dr. Agincourt, Ont. M1S 3W8	416-292-0321
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British Columbia		
	University of B.C.	Vancouver
	Queen Elizabeth Park	Vancouver
	Bloedel Conservatory	Vancouver
	Stanley Park	Vancouver
	Park & Telford	Vancouver
	Butchart Gardens	Victoria
Manitoba		
	Assinaboine Park	Winnipeg
	Agriculture Canada Station	Morden
Ontario		
	Horticultural Society Arboretum	Barrie
	Royal Botanical Garden	Burlington
	Nelson Park - New Street	Burlington
	Central Park - New Street	Burlington
	Victoria Park Restaurant	Niagara Falls
	Niagara Park, School of Hort.	Niagara Falls
	Chippawa Park	Welland
	Edwards Gardens	Toronto
	Canadian National Exhibition	Toronto
	St. Lawrence Parks Commission	Morrisburg

	University of Guelph, Arboretum	Guelph
Quebec		
	Montreal Botanical Garden	Montreal
	Connaught Rose Garden	Mount Royal
	City of Montreal Rose Garden	St. Helen's Island
	Le Floralis Rose Garden	St. Helen's Island
	Agriculture Canada Station	L'Assomption
Nova Scotia		
	Historic Gardens	Annapolis Royal
	Haxlifax Public Gardens	Halifax

IN MEMORIAM

THEO MAYER
1920-1988

We are saddened by the loss of one of our most valued members, Theo Mayer of St. Lambert, Quebec.

Theo was the Editor of the Rose Annual from 1967 to 1971, a Regional Director for Quebec from 1966 to 1981 and an Honourary Director of the Society from 1968 to 1988. He contributed to the Clearing House for many years and wrote several Regional District Reports from Montreal. His article on Rose Books appeared in the 1965 Rose Annual and in the 1967 Annual he wrote the feature article on rose growing at the time of Confederation in 1867.

The Board of Directors extends its sympathy to his wife, Mrs. Mary Mayer, and to their children, Kathleen and Theo Jr. We are grateful to them for the donation of many of Theo's books to the Canadian Rose Society Library. They will be well-read and greatly enjoyed by many of our members.

PRESIDENT'S MESSAGE

My term of office as President of the Canadian Rose Society is rapidly coming to an end. I must admit that there have been times over the last two years that have been very frustrating. However, challenges bring opportunities, and with help from each of you, we have accomplished a lot, especially during the last year.

For a long time we have wanted to hold the National Rose Show outside Toronto, and "IT HAPPENED THIS YEAR IN WINNIPEG". Our hats go off to Betty Biddulph and her Committee for a magnificent job. The cooperation, the hospitality and the hard work certainly paid off! Of course, we also have to thank all those Rosarians who helped make the Show by entering many, many roses.

This past year your Society was represented at Springwood Miniature Roses' Rose Day, White Rose Nurseries' Rose Field Day, the Garden Festival in Toronto, the Rose Show at the Canadian National Exhibition, and we will be at the Royal Winter Fair in Toronto.

The local societies across the country have done an excellent job in arranging rose shows and promoting rose culture, and they are to be commended for their work.

We would like to thank the many members who answered our questionnaire about rose growing and gave their views on the Canadian Rose Society. A separate report accompanies this Annual, giving the highlights of our findings.

Our membership is beginning to climb again, and we continue to request your help in promoting membership in the Canadian Rose Society to your friends and neighbours. The information in the Rosarians and the Annual makes excellent reading, and a membership is good value for the money. The good news from our Treasurer is that we will (hopefully) end the year "in the black", so we have a lot to be thankful for.

It is pleasant to glance backward, however, now we must look forward to another year - to more challenges - to more opportunities - to making the Canadian Rose Society truly "national". We must listen to our members and communicate with them, in order to make our thoughts about promoting rose growing across this great land of ours become reality.

I would like to thank the Board of Directors, the Regional Directors and every member of our Society for their support during 1989. As another year comes to a close, I would like to wish you and your family good health and happiness in the year ahead - GOD BLESS.

Cecil I. Lamrock

MINUTES OF THE ANNUAL MEETING OF THE CANADIAN ROSE SOCIETY

Held on Sunday, March 19, 1989 at 2:10 P.M.
Civic Garden Centre, Toronto

There being a quorum, the President, Cecil Lamrock, called the meeting to order.

Milton Cadsby moved, seconded by Gerry Walker, that the minutes of the previous meeting, as printed in the 1988 Annual, be adopted. Carried.

President's Report: The President, Cecil Lamrock, read and filed his report. The report follows.

Treasurer's Report: The Treasurer, William Dunn, presented the financial report, a copy of which is available, upon request, from the Secretary. William Dunn moved, seconded by William Swanton, the adoption of the financial statement, as read. Carried.

Milton Cadsby described the background of Audrey Meiklejohn in conjunction with the Canadian Rose Society, and announced that, in appreciation, the Board of Directors has appointed Audrey as a Patron of the Society.

Nominating Committee: The Chairman, James Anderson, submitted the following nominations for a one-year term to the Board of Directors:

James Anderson	Janeth Cooper	William Dunn
Ethel Freeman	Keith Laver	Ross Linton
George Pagowski	William Swanton	Gerald Walker
Gilbert Whittamore		

James Anderson moved, seconded by Claire Finch, that the slate of officers be adopted as nominated. Carried.

It was announced that Paul Smith will be our auditor for 1989.

Cecil Lamrock reported that Loblaws will again be using the Canadian Rose Society endorsement for their President's Choice Rose Fertilizer.

Cecil Lamrock presented James Anderson, Immediate Past President, with the Past President's Pin.

Cecil Lamrock reported that the 1989 National Rose Show will be held in Winnipeg, Manitoba, from June 30 to July 2, 1989, as part of the flower show of the 38th Annual Red River Exhibition.

The 1989 Canadian Rose Society annual Rose Sale will be held at the Civic Garden Centre, Toronto, on Monday, April 24, 1989, commencing at 7:00 P.M.

Cecil Lamrock announced that we hope to have miniature rose shows at one or two plazas this year. He also announced that we will hold our first annual garage sale, as a fund raising project.

Cecil Lamrock announced that the Lavers are having an open house at Springwood Miniature Nurseries on Saturday, July 15, 1989.

Patricia Cook, Chairman of the 1988 CRS Slide Competition, was introduced and showed the slides from the competition.

Bill Swanton introduced our special speaker for today, Dr. Jim Tsujita of the University of Guelph.

Ross Linton thanked Dr. Tsujita for his very informative talk.

Adjournment: Jim Anderson moved that the meeting be adjourned. Carried.

ANNUAL MEETING - PRESIDENT'S REPORT

As I address you this afternoon, I am reminded of a radio commercial; i.e. "Our product is steel, our strength is people". In our hobby, we can say "Our product is roses and rose culture, our strength is people".

To be successful in business, and even in our own family life, we must be able to communicate honestly and properly. It has become very clear in the Canadian Rose Society that we must communicate effectively with our members all across this great land of ours. Unfortunately, neither I, nor the Board of Directors, can travel to each area and we cannot meet every member in person. So, we are striving to meet the needs of our members in other ways - by providing them with the latest information, by helping them with the selection of roses and by being a source of reference for all their rose needs.

1988 was a special year for the Canadian Rose Society because it was our 75th Anniversary Year. We were very pleased to have Springwood Miniature Roses select the beautiful miniature rose 'June Laver' as our CRS

75th Anniversary rose. By the way, this rose has won many awards during the last year, and if you don't have this yellow beauty growing in your garden, we urge you to purchase it. (Thanks again, June and Keith.)

I would be remiss at this stage if I did not thank the Board of Directors, who have worked hard over the last year, and the Regional Directors, who have communicated with us and are our representatives in their respective provinces. I would also like to thank every member who has promoted roses and who grows roses.

I would also like to single out some individuals for their efforts. I am indebted to Jim Anderson for his advice and also for his continuing effort with our rose sale. This is an important fund-raising event and does much to keep our Society solvent. Our Treasurer, Bill Dunn, looks after our money and makes us aware that he does not have a pot of gold at the end of the rainbow. Diane Lask, our Secretary, keeps a record of our correspondence and maintains our membership records, along with Membership Chairman, Dennis Creighton. (Please advise either of these two people of any address or telephone changes.)

Many hours of preparation and editing are put into the Rose Annual and the Rosarians. We are very fortunate in having Ethel Freeman and Gerry Walker, who do a magnificent job on our publications.

The 1988 National Rose Show was held at the Civic Garden Centre under the capable leadership of Audrey Meiklejohn and her committee. We were happy to have Karl Stennson, Vice-President of Sheridan Nurseries, open the Show and present their new 'Sunsation' rose to each of the trophy winners.

The World Federation of Rose Societies Convention was held in Sydney, Australia in April, 1988. Audrey Meiklejohn and Ethel Freeman were our official delegates. Judge Milton and Mrs. Maxine Cadsby escorted the group that attended the convention, after first travelling to New Zealand. Our thanks to all those who attended the convention and represented the Canadian Rose Society.

Our library has been well used over the last year. Our thanks to those who have contributed books, and to Anne and Paul Graber, who direct this function for us.

Gib Whittamore has done a very commendable job putting together a list of our demonstration gardens. Our thanks to Claire Finch, who arranges the advertising for our special events, Janeth Cooper, who corresponds with the Regional Directors, Bill Brennand and Evelyn Fallis, who represent us at the Royal Winter Fair and Bill Swanton, who arranges for our speakers. We also thank George Pagowski and Keith Laver, who keep us up to date on rose culture and answer many questions in this regard, Mary Baillie, who has trained many new rose judges, and of course, Audrey Brisbane and Rachel Flood for the many hours they put into the Clearing House.

Patricia Cook and Jan Cooper did an excellent job in selecting the

winners of the Slide Competition. We appreciate the work of Sandra Iwasu in auditing our books, and thank her sincerely for a job well done. And lastly, our thanks to June and Keith Laver and our Anniversary Committee of Ethel Freeman, Doreen Stanton and yours truly.

An outstanding evening was had by all at the Civic Garden Centre on June 15th, when Peter Beales spoke to us on "old garden roses". The talk was superb and the pictures were something we can only dream of in Canada. We had the privilege of having Sam McGredy and Harm Saville at our picnic at the Lavers' farm on July 17th. What a success! And Frank Benardella was our guest speaker at our Fall Meeting on September 25th - a great message, but unfortunately, too few to hear it.

Three of our long standing friends are stepping down as Directors - Audrey Meiklejohn, Mary Baillie and Milton Cadsby. They have each contributed greatly to our Society over the years and they will be missed on the Board of Directors. We wish them LONG LIFE, GOOD HEALTH and HAPPINESS in the years ahead - and we know they will continue to contribute in many ways.

We are happy that Ross Linton has agreed to let his name stand as a Director. Since his term as President he has continued to look after the Slide Library, and we have heard many good comments from those who have used our slides.

Have I said enough? Well, although we have accomplished a lot over the last year, I am not happy with the number of members we have. We can do better. I challenge each one of you to reach out in your neighbourhood or community and get a neighbour or friend to "join our Society" - "your Society". We have a great product - we have been blessed with the Queen of the Flowers, THE ROSE.

Cecil I. Lamrock
President

1989 NATIONAL ROSE SHOW

by Betty E. Biddulph

The 1989 National Rose Show was held on June 30 and July 1, 1989 in Winnipeg, Manitoba, at the Winnipeg Arena, site of the Red River Exhibition. Co-hosted by the Exhibition and the Winnipeg Horticultural Society, it was the realization of a suggestion presented to the W.H.S. Rose Committee, ten years ago, by the late William (Bill) Emerson, an ardent horticulturist.

Some far-reaching advertising and great cooperation between the Societies produced the largest display of roses ever seen in Winnipeg - or on the Prairies. There were 475 entries from 85 exhibitors, displayed on tiered cabinets, and space was at a premium! Several entries in "Collection" classes contained 10 or more roses, and Prairie rosarians envied the quality and quantity of exhibits from British Columbia and the Toronto area. It is no wonder that many spectators visited the show more than once, because it was "just like walking through a rose garden". However, the number of local entries was low, as we had experienced a cool, wet spring, and a late frost on June 12th killed buds on roses and fruit trees in a number of gardens.

The air-conditioned show area was hung with grey draperies, and decorated with wooden trellises, a floral display featuring Panda bears and bamboo, and cabinets holding the Canadian Rose Society trophies.

The hybrid teas dominated the exhibits, but the miniatures also provided a large display. Judging from the number of entries, Minis are popular from coast to coast. However, George Mander's yet-to-be-introduced floribunda, 'Shades of Pink', captured everyone's attention and will be a popular addition to gardens when it is available commercially. The blooms hold well, and one spray of 24 flowers, in lovely shades of pink, was still quite fresh the day after the show. It is interesting to note that one spray of this floribunda won the F. Blakeney Trophy in the "one specimen bloom or spray of any rose originating in Canada" class, while a specimen bloom of 'Canadian White Star', also hybridized by George Mander, was awarded second place in this class.

The show was opened by the President of the Red River Exhibition, Bob Washington. In the evening he, along with Lorraine Loptson, Chairperson of the Flower Show Committee, presented the Canadian Rose Society Certificates to the Trophy winners. They also presented models of Red River carts to the visiting show judges.

The Show Committee is very grateful to Canadian Rose Society President, Cecil Lamrock, and the exhibitors who shipped their roses from the Toronto area, British Columbia, Regina and Lethbridge. They undoubtedly spent many hours conditioning, packing and shipping the boxes

of beautiful roses which made the Show so successful. We were especially pleased to meet rosarians who travelled to the Show from Halifax, Toronto, Regina, Lethbridge and Victoria.

We would be remiss if we did not thank the judges for their guidance and assistance in bringing the Show to a successful conclusion. Their contribution was much appreciated. In particular, I would like to express my appreciation to Anne and Paul Graber for their assistance during the months prior to the Show, and for their untiring efforts in helping to place the entries on the show tables.

We regret that several errors in the list of Trophy winners appeared in the Fall 1989 Rosarian. The following is the corrected list of the Trophy winners for the 1989 National Show:

TROPHY	VARIETY	WINNER
Best Rose in Show **Alan Stollery Memorial Trophy**	Great Nord	Audrey Meiklejohn Downsview, Ont.
One Specimen Bloom or Spray of any Rose Originating in Canada **F. Blakeney Trophy**	Shades of Pink	George Mander Coquitlam, B.C.
Three Specimen Hybrid Tea Blooms **W.J. Keenan Bowl**	Frohsinn Elegant Beauty Esmeralda	Viola Heaslip Victoria, B.C.
Five Specimen Hybrid Tea Blooms **Paul B. Saunders Trophy**	(3)Maid of Honor Kordes Perfecta Parthenon	Audrey Meiklejohn Downsview, Ont.
Three Floribunda Blooms, Different Varieties **P.L. Whytock Trophy**	Dame of Sark Woburn Abbey Saratoga	Claire Finch Toronto, Ont.
Three Stems/Sprays of any Climbing Roses **H.M. Eddy Trophy**	Pink Perpetue	Claire Finch Toronto, Ont.
English Box of Six Hybrid Teas/Grandifloras **S. McGredy & Sons Cup**		no first prize awarded.

Seven Different Specimen Miniature Blooms **K.G. Laver Trophy**	Beauty Secret Dreamglo Holy Toledo Ko's Yellow Minnie Pearl Pacesetter Rise 'n Shine	Anne & Paul Graber Scarborough, Ont.
Best Rose Second Day **Rosette**	Peace	Remy Menard Winnipeg, Man.
Best Decorative Design in Show	Belle Epoque Samantha	Wilda Beattie Winnipeg, Man.
Best Decorative Design, Advanced **Rosette**	Belle Epoque Samantha	Wilda Beattie Winnipeg, Man.
Best Decorative Design, Novice **Rosette**	Morden Cardinette	Donna Lee Winnipeg, Man.
Grand Aggregate Award in Design Sections	Belle Epoque Samantha	Wilda Beattie Winnipeg, Man.

GREAT NORD (HT - Delbard - 1975)
Best In Show - Won By Audrey Meiklejohn

JOHN BRADSHAW - Best Pink Floribunda Spray
Won By Florence Lazar

Display of Canadian Rose Society Trophies

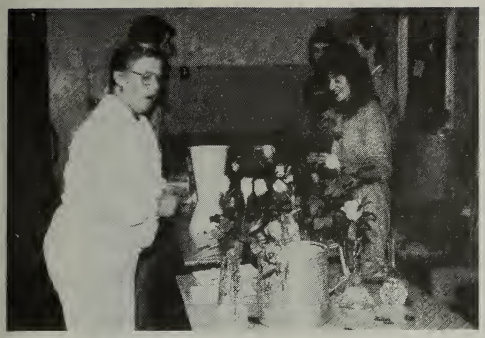
PINK PERPETUE (LCL - Gregory - 1965)
H. M. Eddy Trophy - Won By Claire Finch

Hybrid Teas at The Show

"SETTING UP" - (Lt. to Rt.) - Libra Bacon, Betty Biddulph of Winnipeg, Bernice Muir of Lethbridge

Lorraine Loptson & Bill Grey Take A Break

(Lt. to Rt.) Paul & Anne Graber, Toronto and Iris Chambers, Halifax



Norah Feldman and Family Hard At Work

Mr. & Mrs. Eyolfson of Portage La Prairie

Judging (Lt. to Rt.) Audrey Meiklejohn, Toronto, Robert Serbin, Winnipeg, Jean McMurray, Winnipeg

The Experts (Lt. to Rt.) Anne Graber, Toronto, Lynn Collicutt, Morden, Prof. Louis Lenz, Winnipeg

THE 82nd CONCOURS INTERNATIONAL de ROSES NOUVELLES de BAGATELLE

by Judge Milton Cadsby

The Concours International de Roses Nouvelles de Bagatelle was created on the 5th of July 1907 by the Municipal Council of Paris on a proposal of Jean-Claude Forestier, Conservateur of the Gardens of Paris, who recruited the assistance of Jules Graverau (owner of Bon-Marche and founder of de la roseraie de l'hay Les Roses). This was the first compétition of its kind. It became quickly known throughout the world. Indeed, the 1907 Concours was the inspiration for similar competitions for new roses in other countries. The Concours passes judgment on new varieties of out-door grown roses, which are judged not only for their flowers but also for the vigour of the plant, the resistance to disease, and the abundance and variety of bloom. The roses are planted in the Bagatelle Rose Garden in the Bois de Boulogne, anonymously in groups of five. Bush roses are judged two years after planting; rose climbers, rose shrubs and rose ground covers in the third year. There is a permanent Commission, composed of professionals, and a new rose Commission who examine and judge the roses during these two years.

The day of the Concours, a jury composed of international personalities from the rose world examines each new variety and then decides the points to be awarded. The roses which obtain the most points given by the permanent Commission, the new rose Commission and by the jury, are declared the winners.

Bagatelle, the last of the historic residences of the Bois de Boulogne, was constructed in sixty days in 1777 by le Comte de Artois, brother of Louis XVI and by Queen Marie-Antoinette. In 1905 Bagatelle was purchased by the City of Paris. In 1906 the splendid roseraie was created, setting the scene for the first Concours International de Roses Nouvelles.

I first visited Bagatelle in 1983 while leading the Canadian Rose Society tour to the World Federation of Rose Societies Conference in Baden-Baden. The vast variety, beauty and uniqueness of the garden made me wish to be a member of the International Jury. That desire remained in my mind along with the memory of magnificent Bagatelle. Alain Cousineau, the Director of Bagatelle, was kind enough to include my name on the list of prospective jurors, and for almost ten years I received, annually, an invitation to participate. Unfortunately, the invitation usually arrived three or four weeks before the Concours. Since a good deal more time is necessary for a Canadian to arrange to travel to Paris, although each year's invitation reminded me of my dream, the dream never became reality.

and advised Guy Surand, Director of Parks of the City of Paris, that I would like to participate in the 82nd Concours in June 1989, provided I was given adequate notice. With the cooperation of M. Surand and the new Director of the Bois de Boulogne, Eric Defretin, I became the Canadian representative on the International jury.

Recently, I encountered a former Director of the Canadian Rose Society and mentioned that I had been a member of the jury at Bagatelle this year. Her reply was, "Did you go all the way to Paris just for that?" My answer is, "Yes -- and it was worth it!" The realization of a person's dream is truly a rare phenomenon in life and this was the realization of one of mine.

The weather in Paris was hot and sunny, and roses and other flowers were blooming throughout the city; crowded; full of excitement for the Bicentennial of the French Revolution.

I was greeted at the airport by Eric Defretin, who proved to be a most gracious host and an excellent chef! That very first night at his picturesque home (situated on the Seine and the only residence in the Bois de Boulogne), I met his charming wife, enjoyed his champagne, fine cuisine and good conversation. The latter was not easy due to my very rusty high-school French.

On the 15th of June, the day of the Concours, as a member of the Jury I was a guest of the City of Paris. I was delighted to be picked up in a beautiful new Citroen and whisked through the morning traffic to Bagatelle where a luxurious breakfast was served in the garden outside the historic Trianon.

Words cannot adequately describe the beauty of Bagatelle. Although it functions in part as a competition test garden, it is set up as a show garden. Visitors pass through a gateway guarded by ornamental gates and walk toward the Trianon, past the lovely outdoor restaurant and into a spacious circular park. From there, paths lead into the main rose garden. The bushes are planted beside paths, climbers beautifully blooming over pergolas and fences. A feature is the touching memorial to Princess Grace of Monaco, planted with the rose named after her. As one admires the mass of blooms the eye seeks out favourites and is dazzled by the riches it beholds. Serenity is a keynote to the garden, a place to be inspired, a place to celebrate the beauty of Nature, a place to love the rose.

Part of the joy of being there was greeting old friends such as Susan and Robert Begg of Argentina, the President and Secretary, respectively, of the World Federation of Rose Societies; la Baronne de Gerlache de Gomery, President of the Belgian Rose Society, her daughter Helene, Princess Alix of Luxembourg, and her son, as well as old friends Stelvio Cogiatti, Vice-President of the Italian Rose Society, his companion Anne-Marie Trechelin, the famed painter of roses, and Bernd Weigel, Director of the rose garden of Baden-Baden. In attendance were most of the famous French rose hybridizers, Alain Meilland, Georges Delbard, and

the dean of French rose hybridizers, Jean Gaujard.

The Jury gathered in the Trianon around a very long table, each Jury member sitting beside the flag of his or her country. The countries represented were Colombia, the Federal Republic of Germany, Argentina, Belgium, Holland, Luxembourg, Northern Ireland, Italy, Japan, Switzerland, Poland, Canada, Monaco, Uruguay and France. The plants to be judged by the Jury were from Germany, England, Belgium, Denmark, Spain, France, Holland, Northern Ireland, Japan, New Zealand and the United States of America. The Jury chairperson was Jacqueline Nebout, administrative assistant to the Mayor of Paris.

Each juror was given the report of the Commissions on each of close to three hundred plants to be judged during a period of two hours. Each juror worked on his or her own, locating and evaluating each variety. After two busy hours, score sheets were handed in and in due course the results were announced.

Immediately after the judging, the French actress Denise Grey, who has passed her eightieth year, arrived, looking as lovely as any rose in the garden (even the one which had been named in her honour by Alain Meilland). He presented a bouquet of the new rose to her amidst the clicking of many cameras, including my own. The rose 'Denise Grey' is of clear Venetian pink, having 25 to 30 petals, a diameter of 3 centimetres, with one to twenty flowers per stem. It is said to have good resistance to disease and flower abundantly without interruption. It grows from 1 to 1.2 metres, having a light fragrance.

A lovely luncheon was served to the members of the Jury in a specially-erected tent in the garden. My charming luncheon partner was Mme. Nadine Meilland. Although we had not met personally before, we were aware of each other through correspondence. I felt very fortunate to have the opportunity to get to know her better. Of course, it was a busy and successful day for the Meilland family, leaving them little time for socializing. I was also pleased to see old friends Molly Frizelle of Northern Ireland and Jacques de Fevre, international landscape architect and former Secretary of the Belgian Rose Society. After lunch, a tour was available to members of the Jury, which ended at a reception at the Hotel de Ville, where Mme. Chirac, wife of the Mayor of Paris, presented the prizes.

The prizes were as follows: First Prize was for the floribunda 'Cocorico' (Meilasso), hybridized by the late Mme. Louisette Meilland of France. This lovely floribunda has flowers in huge quantities of pale yellow and crimson and was the outstanding variety among strong competition. The prize was accepted by Alain Meilland. Some of you may wonder about the name 'Cocorico' being used, as this was the name of another floribunda hybridized by Francis Meilland, husband of Louisette, but I am assured that this former 'Cocorico' is no longer in commerce. It is, however, still in residence at 28 Hilltop Road, Toronto (my home).

Second prize also went to a floribunda, 'Carmagnole', hybridized

by Georges Delbard. The flowers are red and white currant coloured, and are said to have good resistance to bad weather.

A certificate was awarded to the variety 'Karine Sauvageot', hybridized by Mme. Sauvageot - a first success for her. The flowers were salmon-pink, a most attractive bush.

The final prize was the prize for perfume, which went to the rose 'Tino Rossi', a hybrid tea created by Mme. L. Meilland of France. The flowers were pink neyron, the fragrance powerful but delicate.

After the award presentations were completed, a light buffet supper was served under the auspices of the Mayor of Paris. So ended a wonderful day of roses!

My visit to Paris, however, was not over, as I spent another nine days once again enjoying the sights and sounds of that great city. I found time for a return visit to Bagatelle, where I noted beautiful varieties not yet well-known in Canada. I was much impressed with the new variety 'Karine Sauvageot' I found the colour to be more of a deep pink than pink-salmon and noted that the variety had produced over five hundred blooms during the season. I admired 'Antigone', a bi-colour introduced by Jean Gaujard in 1966, a beautiful yellow-pink hybrid tea. The beautiful rose named for the foreman of our Jury, Jacqueline Nebout, was an outstanding tall pink floribunda, hybridized by Meilland and introduced in 1988. The old variety 'Mermaid', so charming and so rare in Canada, was ablaze with its dainty flowers. I admired 'Charles Aznavour', which was the 1987 First Prize winner at Bagatelle. It is a white hybrid tea with pink overlay, bearing a great number of flowers. The varieties 'Margaret Merril' and 'Helene de Gerlache' are not to be overlooked. 'Vive', hybridized by Delbard and introduced in 1974, caught my eye with its large, deep pink blooms of many petals. The 1989 Second Prize winner 'Carmagnole' was truly magnificent. The number of blooms on the bush can only be described as countless. I sought the perfume of 'Tino Rossi' in vain, the fault, no doubt, being with my nose.

The 82nd Concours de Roses Nouvelles de Bagatelle will remain a treasured memory in my rose life. I feel especially indebted to Eric Defretin for his gracious hospitality and wish him many years of success as Director of the Bois de Boulogne.

"CARNAGNOL" Growing in Bagatelle

(Lt. to Rt.) Robert Begg, Susan Begg, Georges Delbard

Anne-Marie Treschelin and Stelvio Cogiatti

THE WHY OF ROSE BREEDING

by Dr. Griffith J. Buck

Gardeners have long considered the rose to be one of the major inhabitants of gardens because of its long flowering period and relative ease of culture. However, as the gardener became more observant of the plant's reaction to a particular garden environment, he modified his cultural programme to adjust to the rose's requirements. In this way the basic cultural programmes involving protection of plants against winter cold, foliar diseases and insects came into being. These early cultural programmes were developed over a long period of time in western Europe and the British Isles. When the United States and Canada were settled, the garden rose was brought to these shores and became established as a major garden plant. This transfer was made easier by the similarity in climate of the Atlantic seacoast to that of western Europe and the cultural methods needed only a few minor adjustments. However, as people moved westward into areas with hotter summers, colder winters and changing precipitation patterns, cultural problems became more and more acute and solutions became more difficult to find.

Part of the difficulty in growing roses in a less favourable environment was the kind of plants available to gardeners. Looking back to the late 1920's when I began to be interested in roses, there were two kinds of rose plants available to gardeners: own-root and grafted. The own-root plants enjoyed their greatest popularity with the general gardener and the beginning rose grower. The grafted rose was the plant of choice for the professional gardener and the experienced rose grower. The own-root roses, especially the hybrid teas, did not possess the vigour and floriferousness of the grafted plants of the polyantha and hybrid perpetual cultivars. However, as gardeners became more knowledgeable about the reaction of each kind of rose plant to less than favourable growth environments, the plant of choice became the grafted plant.

Today's rose plant consists of three parts: the root system, the graft union and the stem. Each part reacts differently to unfavourable growth temperatures. The least vulnerable part of a matured rose plant to below freezing temperatures is the top of the plant, or the canes. The killing point for the average hybrid tea, grandiflora or floribunda rose stem is in the range of 10 degrees F. The roots from these stems will kill at 24 degrees F. (14 degrees F. warmer in temperature). This is one of the reasons for the lost popularity of the own-root rose plant. In a normal winter, soil temperatures do not drop into this injurious range too frequently. A moist soil freezes at 30-32 degrees F. As air temperatures fall below the freezing point, this cold will penetrate the frozen soil slowly and the soil temperature will drop. With prolonged exposure to sub-freezing temperatures, the soil

temperature at the two to four inch depth will drop into the low 20 degree F. range. The decrease in temperature is very slow and the warming is also very slow. This slow freezing and thawing produces the minimum injury to the affected plant part.

The most vulnerable part of the plant to injurious temperatures is the graft union. The reason for this is a complex one. The graft union combines tissues from two plants with different hardiness factors. It is the one part of the plant which has a tendency for continuous growth and this reduces its cold resistance. In areas with sub-zero winters, planting the graft union two to four inches under the surface of the rose bed will reduce its exposure to injurious cold temperatures. In areas with milder winters the planting depth tends to become less significant.

The plant which provides the root system for a grafted rose bush is called an understock. There are two types of understocks - seedlings and cuttings. The seedling understocks are primarily selected strains of Rosa canina and its related species and Rosa multiflora. Selections from Rosa multiflora, Dr. Huey, R. fortuniana and R. odorata are the most common sources of the cutting understocks.

The understocks in current use have been selected for their compatibility with the roses grafted upon them, their ease of rooting from cuttings or their rapid development and ease of culture after seed germination. R. multiflora, R. canina and Dr. Huey understocks tend to be the most resistant to damage from low winter temperatures. In winters with normal soil moisture levels, root damage from sub-freezing temperatures should be minimal. However, if the soil is dry as winter comes on, the temperature in the soil will approach that of the air and severe damage to the roots and the graft union will result.

Modifications in plant propagation and culture simplified rose growing and increased the popularity of the rose as a garden plant, and we began to see roses used in mass plantings in the areas of the country with severely cold winters. However, the need for winter protection remained constant and the possibility of loss of plants to unusually cold winter temperatures remained a threat to rose gardening. It was these factors that stimulated rose breeders to attempt the creation of repeat-flowering garden roses that were not vulnerable to severe cold injury.

One of the early programmes to develop cold hardy roses came into existence at the Iowa Agricultural College (later to become Iowa State University) as an off-shoot of the breeding programme to develop fruit - apples, peaches and plums - hardy enough to survive and bear fruit after exposure to Iowa's winters. Two of the graduate students working in the breeding programme were George Washington Carver, who became an important member of the southern agricultural and educational communities, and Neil E. Hansen who, after receiving his Master of Science degree, became a member of the South Dakota State College. There he developed rose and fruit breeding programmes. One of the earliest roses to come

from the Iowa programme was initially named the 'I.A.C. Rose'. Later the name of this rose was changed to 'Ames'. The programme at Iowa used Rosa rugosa and the native species roses R. blanda and R. suffulta.

In the ten year period prior to World War II, the rose breeding programme at Iowa State was revived by T.J. Maney, who was interested in developing improved understocks and climbing roses. He used R. multiflora and R. blanda for the understock programme and R. maximowicziana pilosa and current everblooming garden roses in the climbing rose programme.

After the war the programme was revived in 1948 with the objective of developing everblooming garden roses capable of surviving Iowa winters without winter protection. Initially the cultivars released were relatively tall shrubs, but as the programme continued the plants tended to resemble typical garden roses in both plant habit and flowering traits. The breeding programme was based on R. laxa, Retzius, which was imported from Siberia by Dr. N.E. Hansen of South Dakota, the Sweetbrier hybrids of Wilhelm Kordes and selected floribunda, grandiflora and hybrid tea rose cultivars.

When N.E. Hansen established his rose breeding programme at South Dakota State College, he continued to use R. rugosa, R. blanda and R. suffulta in combination with current garden roses and cultivars of Old Garden roses. The roses developed in his programme tended to produce large shrubby plants which were generally non-recurrent blooming.

In the mid 1950's period, R.A. Phillips conducted a rose breeding programme at the University of Minnesota. His objective was to produce garden roses of the floribunda type which were adapted to the climate of central Minnesota. He used R. suffulta as a source of hardiness in combination with current floribunda cultivars. One of his hybrids that is still available commercially is a red floribunda type shrub named 'Prairie Fire'.

In the post World War II era, when I was getting started in rose breeding, I became acquainted with two Canadian rose breeders, Dr. Frank L. Skinner and Mr. Percy H. Wright. These two gentlemen were involved in developing garden rose cultivars adapted to the climate of western Manitoba and Saskatchewan. Their breeding materials included a number of rose species, among which were R. beggeriana, R. suffulta, R. rugosa, R. blanda, R. acicularis, R. spinosissima, R. spinosissima altaica and R. laxa. Their resulting roses ranged in size from large shrubs to compact dwarfs, with flowering habit ranging from once-blooming to remontant to everblooming.

At about the same time I became acquainted with the breeding programme at the Morden Experimental Station in Morden, Manitoba. It was under the direction of Mr. H.H. Marshall. His breeding programme was based on the early programmes of other breeders of the period, but he took a step forward in using garden rose varieties to make his rose progeny more adaptable to contemporary garden rose usage. After Mr. Marshall's

more adaptable to contemporary garden rose usage. After Mr. Marshall's retirement his programme was taken over by his colleague, Lynn M. Collicutt. Three of their good hybrids available for current garden use are 'Morden Amorette', 'Morden Ruby' and 'Morden Blush'.

Another Canadian rose breeder whose roses are finding a place in contemporary gardens is Dr. Felicitas Svejda. Her breeding programme was done at the Ottawa Research Station. She used R. rugosa as the primary rose species in her breeding programme, coupling it with contemporary garden rose cultivars. Some of her roses available to gardeners are 'Charle Albanel', 'David Thompson', 'Henry Hudson', 'Jens Munk' and 'Martin Frobisher'.

The work of these rose breeders has had a beneficial effect on rose gardening in the difficult climatic areas of Canada and the United States. With the increasing popularity of these roses and the developing interest in rose breeding by non-professionals, as reflected in the increasing membership of the Rose Hybridizer's Association, the future looks very rosy for climatic adapted garden roses.

(EDITOR'S NOTE: In describing the work of the major breeders of hardy roses, Dr. Buck is overly modest in not including his own name. Indeed, he is one of the recognized giants in the field, with about two dozen of his own hardy cultivars listed in Modern Roses 9. His most famous introduction is 'Carefree Beauty', a medium pink shrub with hybrid tea type flowers. It is perfectly hardy without any winter protection, everblooming, about three to four feet tall and very lovely. Other well known Buck cultivars are 'Country Dancer' and 'Prairie Princess'. The latter is a very vigorous pink shrub that grows like a climber. One of his newest introductions is 'Blue Skies', a mauve hybrid tea. Many of Dr. Buck's cultivars can be seen at the Royal Botanical Gardens, Hamilton, Ontario where, among the others, the pillars of 'Prairie Princess' are a sight to behold.)

'MORDEN BLUSH'

In 1988, Agriculture Canada introduced a new winter hardy rose cultivar called 'Morden Blush', developed at the Research Station at Morden, Manitoba.

This plant is the eighth Manitoba rose cultivar in the Parkland Rose series. (The others are: 'Assiniboine', 'Cuthbert Grant', 'Adelaide Hoodless', 'Morden Ruby', 'Morden Amorette', 'Morden Cardinette' and 'Morden Centennial'.) The new cultivar is a hardy, everblooming plant, producing light pink to ivory flowers, borne in small clusters throughout the growing season on a dwarf shrub. The flower colour is more intense during cooler weather.

'Morden Blush' extends the colour range of the Parkland Rose Series, and is one of the cultivars that combines winter hardiness and everblooming characteristics. It survives consistently, without winter protection, on the Prairies (Agriculture Canada plant hardiness Zone 3a-3b). It has a dwarf plant habit, averaging 50 cm. in both height and width, and everblooming characteristics. It is also very tolerant of hot dry conditions in summer.

'Morden Blush' is a complex hybrid that was developed from Rosa arkansana Porter, the R. arkansana hybrids 'Assiniboine' and 'Morden Amorette', the floribunda 'White Bouquet', and 'Prairie Princess'. 'Prairie Princess' is listed as a shrub rose which has R. laxa Retz. and R. spinosissima L. in its parentage. Thus 'Morden Blush' has three hardy species in its parentage.

According to Lynn Collicutt, Ornamentals Researcher at the Morden Research Station, 'Morden Blush' has also exhibited good field resistance to powdery mildew and rust, and fair resistance to blackspot.

The leaflets are yellow-green and range in number from five to nine, with the average being seven. The thorns are straight and 7 cm long. The upper branches average 10 thorns while the lower branches have 12 thorns per 10 cm.

Flowers are borne on current season or older wood, in clusters of one to five. The flowers average 6 cm in diameter and have an average of 51 petals. When fully open, flowers exhibit a flat appearance, with the inner petals infolded to form a button type of centre. As a bonus, there is also a slight fragrance.

'Morden Blush' is easily propagated by softwood stem cuttings, and plants grow well on their own roots. A limited supply of propagating material has been made available to nurseries from the Morden Research Station. Listed below are the nurseries who have received such material. It often takes several years for them to bud enough plants of a new variety to be able to offer it for sale. The only nurseries we have checked with are Hortico and Sheridan, and they hope to have 'Morden Blush' for sale in the

MORDEN BLUSH (Shrub)
(H. Marshall and L. Collicutt, 1988)

spring of 1991. We suggest that you check with the listed nursery nearest you.

Nurseries Which Have Received 'Morden Blush' Propagating Material

BRITISH COLUMBIA

Cannor Nurseries Ltd.
48291 Chilliwack Central Rd., R.R.#1
Chilliwack, B.C.
V2P 6H3

Homestead Nurseries Ltd.
Wright Rd.
Clayburn, B.C.
V0X 1E0

PRAIRIE PROVINCES

Aubin Nurseries Ltd.
Box 1089
Carman, Man.
R0G 0J0

Boughen Nurseries Valley River Ltd.
Valley River, Man.
R0L 2B0

Foothills Landscaping Ltd.
2626-48th St. S.E.
Calgary, Alta.
T2B 1M4

Jeffries Nursery
Box 402
Portage La Prairie, Man.
R1N 3B7

Lakeshore Tree Farms Ltd.
R.R.#3
Saskatoon, Sask.
S7K 3J6

Morden Nurseries Ltd.
Box 1270
Morden, Man.
R0G 1J0

Patmore Nursery Sales
Box 582
Brandon, Man.
R7A 5Z7

Shelmerdine Nursery & Garden Centre
Box 2, Grp 19, R.R.#1
Headingly, Man.
R0H 0J0

Vanstone Wholesale Nurseries
Box 670
Portage La Prairie, Man.
R1N 3C2

ONTARIO

Downham Nursery Inc.
626 Victoria St.
Strathroy, Ont.
N7G 3C1

Hortico Inc.
723 Robson Rd., R.R.#1
Waterdown, Ont.
L0R 2H0

McConnell Nurseries Inc.
R.R.#1
Port Burwell, Ont.
N0J 1T0

Roseberry Gardens
Box 933
Thunder Bay, Ont.
P7C 4X8

Sheridan Nurseries Ltd.
R.R.#4
Georgetown, Ont.
L7G 4S7

OTHER COUNTRIES

Bailey Nurseries Inc.
1325 Bailey Rd.
St. Paul, Minn.
55119
USA

Grootendorst & Zonen B.V.
P.o. Box 130
Boskoop, Holland
2770

Those who have seen 'Morden Blush' growing are full of high praise for it, and they are eagerly awaiting its arrival in the nurseries. From early reports, it should be a valuable landscape addition to rose gardens across Canada.

DEVELOPMENTS IN THE L'ASSOMPTION ROSE PROGRAMME: 1988-89

by Ian S. Ogilvie
Research Scientist, Agriculture Canada

The winter of 1988-89 proved to be a disastrous one for hybrid tea and floribunda roses and even for semi-hardy roses at our experimental farm at L'Assomption, Quebec. An early hard-freeze before snow cover in December caught us off guard, with some material in the cold frame which we intended to move to the cold room for winter storage. We lost a few cultivars in the breeding nursery and a very large number of rooted cuttings in pots in the cold frame. The severity of the winter weather provided an excellent test for hardiness, and material which survived with acceptable levels of damage should grow in just about every agricultural region of Canada with little or no winter protection.

Every hybrid tea and hybrid perpetual without protection in the field was completely killed last winter. Even hybrid teas in the display section, which were winter protected, were lost, with the exception of one bush of 'Queen Elizabeth' and one of 'Tropicana'. In the breeding nursery, all the Brownell hybrid teas, the hybrid perpetuals 'Mrs. John Laing', 'Alfred Colomb' and 'Mabel Morrison', the shrubs 'Buff Beauty', 'Marguerite Hilling', 'Lichtkonigin Lucia', 'Bonica', as well as the old roses 'Fantin Latour', 'Gloire de Guilan' and the Bulgarian 'Kazanlik' perfume rose were all killed. We also lost two bushes of 'Dornroschen' and two 'White Mountain' climbers as well as one Ottawa selection climber "E26", which had been in our nursery since its transfer from Ottawa.

An interesting fact was that all of our old Moss roses survived, although with more damage than last year.

The one hybrid perpetual that survived (although it was killed back to the ground) was 'Reine des Violettes', which at the end of May, 1989 was sprouting vigorously above the base. All the rugosa hybrids and the spinosissima hybrids survived with very little damage, as did some of the old gallicas and, to a large extent, all the roses developed by Agriculture Canada in both the "Explorer" and the "Parkland" series. A few of the Explorer series ('John Franklin' and 'Champlain') did suffer more damage than usual, but by May they were vigorously sprouting and within a few weeks showed little evidence of damage. The hardiest cultivars ('William Baffin' and 'John Davis') showed only slightly more damage than usual.

An interesting test was that of the potted rooted cuttings (unprotected) in the cold frame above ground level. Almost all cutting of 'John Davis' and 'William Baffin' survived. However, all the cuttings of 'John Franklin', 'Champlain' and all the hybrid tea cuttings did not survive. Approximately 90 percent of the tissue cultured plants in pots of our new

hardy yellow rose 'J.P. Connell' also survived, so this cultivar should be an excellent choice when it becomes more widely available. We have three new selections, two pink climbers and a peach coloured climber, which have also shown over 90 percent survival. These will be propagated this year for further regional testing before release as cultivars.

Seedlings from crosses made in 1986 and 1987 showed excellent winter survival in the field, with very little damage. We are especially interested in those with Percy Wright's yellow spinosissima hybrid 'Hazeldean' as a pollen parent. 'Hazeldean' is one of the few yellows that is hardy on the Prairies, and it also has more resistance to blackspot than most yellows. The flowers do not fade as they mature, in contrast to many yellows. Its main disadvantages are its short flowering season and also that it is extremely difficult to propagate. We hope to eventually select repeat flowering yellows combined with the hardiness, blackspot resistance and non-fading character of 'Hazeldean'.

A small group of seedlings developed from crosses in the greenhouse in 1987 and germinated late in 1988 were retained in the greenhouse instead of being planted in the field in the summer of 1988. These contained at least five individuals with superior floral characteristics when they flowered in early 1989. One of these, a cross between our very hardy breeding line "L83" and the Kordes semi-hardy shrub 'Dornroschen', has proved to be a very early flowering individual with flowers of a hybrid perpetual type, with approximately 70 petals. One of the outstanding characteristics of the flower is the fragrance, which is almost as strong as that of 'Fragrant Cloud'. The amount of flowering in the greenhouse appears to be more than most of the Explorer series (with the exception of 'Champlain'). If the hardiness of this clone is equal to or greater than 'Champlain', it could be an important new release after regional testing.

Three other selections, crosses of 'Queen Elizabeth' (two with our breeding line "L83" and one with "L09") have shown excellent floral qualities, with pink flowers similar to hybrid teas remaining on the plants for over two weeks. These should be excellent substitutes for hybrid teas in the more severe climatic region of Canada, if they show sufficient winter hardiness during regional testing. These will be extensively propagated for field test this coming fall and winter.

We are also using a few miniatures ('Baby Katie' and 'Rise 'n Shine') in crosses with some of our hardy breeding lines, with the objective of releasing some extra hardy miniatures in the future.

We have just submitted a publication on the use of gibberellic acid in rose crossing (varied, but generally positive results with a number of cultivars) and are now beginning a series of tests of various culture media for the culture of rose embryos. We hope to develop a suitable media for a wide variety of rose crosses. This will advance our breeding programme by avoiding the problems of seed dormancy and advance the maturity of plants resulting from specific crosses.

Our programme should continue to release many useful and interesting new cultivars in the near future for nursery producers and rose enthusiasts in the more severe climatic region of Canada and other areas with similar climates.

We are located at L'Assomption, Quebec and our grounds at the Research Station are open to the public. Please come and visit any time that you're in the area, and see all the exciting new cultivars that we are working on for the future.

J. P. CONNELL (Shrub)
(F. Svejda, 1988)

AN EXPERIMENT IN WINTER PROTECTION OF TENDER ROSE CULTIVARS

by George Pagowski
Horticulturist

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Gardeners in our climatic zone, and colder areas, are well aware of the need to provide winter protection for certain classes of roses, notably hybrid teas and floribundas. Practices differ, somewhat, from one part of the world to another, such as straw-wrapping (mummies), the building of frames to cover groups of plants or whole beds, the use of "rose collars" and other means. The frames and collars are filled with peatmoss or other insulating material, which in turn is removed in the spring. The most commonly employed method, however, is the covering of the lower parts of the bushes with soil mounds. In the case of climbing roses, in severe winter areas, it is necessary to cut the canes from their supports and lower them to the ground, so that they may be buried over the winter. In addition to protecting the root system, it is also necessary to preserve a certain amount of healthy cane length, in order to secure an adequate number of growth buds for the next season. Naturally, if the root systems were damaged, the plants would be unable to sustain top growth. Fortunately, the various methods of winter protection described, provide survival for both canes and roots. In the spring, the soil mounds must be removed without causing damage to the roses. This routine produces several problems: it is labour-intensive, a ready supply of soil or other suitable covering material must be available and, sometimes stored over the summer.

We have learned to accept the fact that certain garden roses are not winter-hardy, although roses found growing in the wild (i.e. species) are able to withstand very cold temperatures. These hardy roses usually flower once a year, in June and July; the flowering is followed by ripening of the wood and fruit. Such roses will not resume growth and flower again until they have been exposed, for a specific time, to low temperatures.

The characteristic of recurrent flowering, as found in roses of hybrid origin, (notably hybrid teas and floribundas), is the result of crosses with 'China roses'. These were garden roses of sub-tropical Asia, developed or selected over centuries and introduced to European cultivation between 1759 and 1824. When crossed with cultivated roses of the day, they became the ancestors of bourbons, hybrid perpetuals, and subsequently of hybrid teas and floribundas. The process of breeding for continuous flower production has diluted the modern garden roses' resistance to cold temperatures. It has been the practice for many years at Royal Botanical Gardens, to cease

summer pruning (dead-heading) of tender and marginally hardy roses from mid-August, in order not to stimulate such plants into late growth, but to induce more thorough ripening of the wood.

Over the past few winters many visitors to RBG have enquired about the plastic covering over the rose beds. The use of soil mounds has been practised for many years, protection under plastic is an innovation. This experiment in winter protection is here recorded.

Background

Following attendance at a plant propagators' conference in 1983, a member of RBG staff reported on experiments in cold weather protection of young plants (propagules), utilizing foam-like sheets (Microfoam). This material is about 1 cm thick, with a highly insulative quality. It was suggested that this product might be suitable for the winter protection of roses, and samples of the material were obtained.

The first experiment at RBG was conducted in 1983/84, on part of an established rose bed in the Trial Garden, one-half of which was covered by Microfoam on December 13, the other half with the usual soil mounds. The winter was colder than normal, especially the last ten days of December and the month of January. Snow-cover varied from 3 to 13 cm and was cleared by rain on February 13; the ground was snow-free, until the blizzards of February 27 and 28. The first half of March was considerably colder than normal, with 10 to 24 cm of snow on the ground to the 19th. April temperatures were near normal, with rainfall above normal.

The results were sufficiently interesting to encourage further exploration: of the 35 rose plants wintered under the Microfoam, none were lost, whereas the normal 7% loss was recorded for the plants under soil mounds. (This represents the average winter mortality.) It might be pointed out that the trial bed was somewhat more exposed than the beds in the rose garden proper. In addition, the roses under Microfoam grew much more quickly in spring and seemed to come into flower about a week earlier than those treated in the traditional manner. This phenomenon was experienced in subsequent experiments.

Winter of 1984/85

For the second experiment, 1984/85, six beds in the Centennial Rose Garden were selected, three on the east side and three on the west. An opportunity to test the same cultivar was exploited: on either side of the central walkway (of the Centennial Rose Garden) are planted the cultivars 'Lilli Marleen' and 'Europeana' - one bed of each cultivar was covered with Microfoam, the other with earth mounds.

The winter was a cold one, with some snow cover until mid-

February, when temperatures moderated to near normal. March temperatures fluctuated considerably, with blizzards on the 4th and 31st of the month; April was sunny and warm, especially during the latter half, causing early flowering of shrubs and trees. Upon inspection in early April, 1985, it was discovered that bud-break had occurred on the plants under the Microfoam covers, (Fig. 1). The cover was removed from one bed; in view of the earliness of the season, however, it was decided not to open the remaining beds until mid-month, to avoid late frost damage. (Actually, one bed, 'Lilli Marleen', was covered until May.) The results were interesting. The plants uncovered at bud-break continued to develop, unaffected by the cold nights of April; the beds uncovered in mid-April brought to view plants in an advanced stage of growth, but only a few of the topmost shoots were touched by the cold. After some pruning, both batches continued to develop rapidly and the roses were in flower over a week earlier than the plants protected in the traditional manner. The bed of 'Lilli Marleen' uncovered in May continued to develop satisfactorily, but flowering occurred a week later, i.e. about the same time as plants covered with earth mounds. This suggests a possible shock to the plants following a period of forced growth, and further, suggests a more timely removal of the covers. However, we experienced no plant loss owing to winter-kill with either method of protection, possibly because of the snow-cover.

Winter of 1985/86

In November, 1985, the experiment was repeated and expanded to one-half of the rose garden, about 26 beds being covered with Microfoam. December 1985 was cold; 13 cm of snow had accumulated by January 9th, but melted by the 16th, and 2 cm fell on the 28th. Although February was colder than normal, snowfalls between the 8th and the 19th accumulated to 20 cm, the snow slowly melting to 10 cm by the 28th. Temperatures fluctuated considerably in March, snow melted by the 13th, followed by extensive periods of rain during the latter half of the month. April was pleasant, with above normal temperatures and below normal precipitation. The roses came through the winter in excellent condition, with results similar to the previous year.

Winter of 1986/87

It was decided that in 1986, all the display beds of the Centennial Rose Garden would be covered with plastic material. Owing to some delivery problem regarding Microfoam, another product 'Poly-e-foam', an expanded polyethylene manufactured in Canada, was obtained. Poly-e-foam is more dense, somewhat stiffer and seems to be more puncture-resistant. It proved just as effective as the Microfoam used to date. The preparation of the rose beds and the application of the material is illustrated in Figs.

2 to 4. The procedure was that the rose bushes were cut back to approximately 35 cm, somewhat shorter than normally recommended. A shallow trench was dug around the edge of each bed. Wire mesh (poultry netting) was placed around and bent over the outer row of plants to prevent the covering material from being punctured by the rose canes. The foam covers were laid directly on top of the rose plants, with the edges in the trench. Since the material is approximately 1.8 m in width, and many beds are wider than that, the sheets were overlapped in the centre of the beds, in some cases stapled together. Over this was drawn a sheet of milk-white copolymer (used as a vapour barrier in house construction and available from building supply houses), its edges buried in the trench; the soil was replaced in the trench to hold the covering materials in place. The addition of the white poly-sheet would prevent the seams from being opened by wind and the subsequent tearing of the foam sheets. Any air trapped between the two layers, it was argued, would add to the insulative value; the white colour would reflect sunlight, so that temperature fluctuations would be lessened. (Note that clear poly should not be used.)

The rose beds vary in size, two contain fewer than a dozen plants, some more than 100. In order to monitor the conditions, a simple method of inspection was devised. A "doorway" was installed in the north side of two large and two small beds, one of each on the east and west sides of the rose garden (Fig. 4). Two types of thermometers were used: a minimum-maximum (Thermometer 'A') to obtain air temperature readings, and an indoor-outdoor type (Thermometer 'B') so that soil temperatures could be monitored (Fig. 5). Before installation, the thermometers were tested for accuracy and response synchronization, against our weather station instruments.

Thermometer 'A' was mounted on a mobile, 75 cm (30 in.) long handle, to obtain readings at some distance from the opening, preferably near the centre of the rose bed. Thermometer 'B' was mounted on the inside of the door frame, with the remote bulb, normally providing outdoor temperature readings, buried 15 cm (6 in.) deep in the root zone; the 'indoor' scale offering air temperature readings at sampling time. A 'B' thermometer acting as control was installed in an open bed, where roses were covered by soil mounds. The stations were visited daily about 3 p.m., at which time it was felt, one could record that day's minimum and maximum, as well as actual temperatures, and most conveniently observe the progress of conditions under covers. Temperature readings were taken most days five times per week, Monday to Friday. The temperatures noted were compared with those recorded at RBG's weather station.

The winter of 1986/87 was relatively mild, although November was colder than normal. A snowfall of 19 cm on the 20th, melted under 22 mm of rain on the 26th. December temperatures and rainfall were above normal, snowfall and sunshine hours below normal. In January, 1987, above normal temperatures were recorded during the first half of the month, but

the second half was colder than normal. Snowfall, much above normal, varied from 5 cm on the 2nd to 15 cm on the 20th, decreasing to 13 cm by month's end. Marginally above normal temperatures in February with rain, melted the snow by the end of the month. Swelling growth buds were noted on 'Europeana' on February 12, and on other cultivars by mid-March. Temperatures and sunshine hours were above normal during March; there was no snow until the 31st, when 18 cm fell, which melted by April 5. Above normal maximum and minimum temperatures continued for the month.

The covers were removed April 7 to 9th. The roses were in an advanced state of growth, and no winter-kill was noted. Plants continued to make good progress, the first blooms opening in early June, about 14 days earlier than normally expected.

Winter of 1987/88

Conditions were similar to the previous winter, with temperatures above normal during December. Snowfall of 4 cm on the 15th, disappeared by the 20th; soil did not freeze until the 28th. In January, daytime temperatures were above, but night temperatures below normal; snowfall 24.5% of normal. February was cold, particularly at night; snowfall above normal, 16 cm accumulated by the 10th, but had disappeared by month's end. There was no snow cover during March, with sunshine hours above normal. Daytime temperatures were above, night temperatures below normal. Budbreak occurred before mid-March.

The temperatures recorded under the plastic covers closely approximated those of the winter of 1986/87. One might have expected greater temperature fluctuations in the small beds, than in the large ones. Records did not substantiate this, although there were air temperature differences of 1 to 2 degrees C on sunny days. The greatest fluctuations in minimum air temperatures under the covers occurred in January 1988: -13 degrees C on the 14th, -1 degree C on the 21st (on which day also, the highest temperature of 15.5 degrees C was recorded). The average minimum temperature in January was -2.5 degrees C. In February, lows between -2 and -5 degrees C, most frequently - 4.5 degrees C, were recorded, and colder yet in March, around -3 degrees C and dropping to -5 degrees C.

Maximum air temperatures between 3 and 5 degrees C were noted in January; colder (0 to 5 degrees C) till mid-February and fluctuating widely during the sunny latter part of the month. In March, highs between 12 and 23 degrees C, with 28 degrees C, on March 23rd were recorded.

Air temperature readings at 3 p.m., in the beds, control station and RBG's weather station were within 1 degree of each other: -5 to 2 degree C January through February, then 2 to 7 degrees C to late March.

In comparing maximum and minimum temperature readings in the

beds with those recorded at the RBG weather station, one is immediately struck by the moderating influence provided by the plastic on minimum temperatures. During the coldest periods especially, the minimums were between 6 and 12 degrees C higher. Of course the maximum temperatures, particularly in March, were much higher under covers.

Perhaps more importantly, soil temperatures at 15 cm below the surface were very stable, at -1 degree C during January and February, to -2 degrees C in early March, then rising again from March 7th onward, in spite of very cold nights.

The beds were uncovered between April 13-18. Because of the weather conditions in March, the growths were 2-3 cm in length. Unfortunately, cold weather descended, with frosts on the nights of April 15-16 and 19-20. The topmost shoots were damaged, although the lower ones remained unharmed. May, however, was also cool, and the plants flowered at the normal time of mid-June.

In 1988, we had received reports of winter-kill of roses and herbaceous perennials in various parts of southern Ontario. In many cases the losses occurred in gardens of experienced home gardeners, the roses having received standard winter protection. The winter did not seem particularly harsh, although there was a lack of snow cover. Our winter losses were negligible, confined to a few weak plants noted the previous summer. We cannot offer comparative figures for losses under soil mounds, as all the display beds were under Microfoam or Poly-e-foam covers.

The summer of 1988 will be remembered for the drought and heat wave, which began on June 12. Fortunately, it was possible to apply artificial irrigation, but the blooms faded quickly in the heat. The plants obviously suffered too, as the usual inspection of the rose beds revealed. When stock was taken in October, the weakened plants were noted, and many of these had to be replaced in the spring of 1989.

Winter of 1988/89

December temperature were again marginally above normal, with bright, sunny days, as was January 1989. Both February and March were colder than normal, with lower than normal snowfall, no snow cover after March 21. Cold weather continued through April into May, with little rain.

Temperatures recorded under the covers were almost identical to the corresponding periods described for the previous year. The beds were uncovered the week of April 11; in general, shoot growth did not exceed 3 cm. The intended ventilation prior to complete removal was dispensed with, because of clear, sunny, though cool weather, throughout the spring.

Disease Control

When the covers were removed in April 1984, a number of plants

showed a fungal infection, which we were unable to identify. Even though no problems developed during the year, the plants were sprayed with fungicides (a mixture of benomyl and thiram) just before cover-up in November, 1984, as a precautionary measure.

During the summer of 1986, infection by rose blackspot seemed to appear earlier and in more asserted form, in beds covered with plastic than on soil-covered plants. (It should be recalled that weather conditions in 1986 were very favourable to disease-spread: a warm and moist May, rather wet July and August). Consequently, the plants and ground of one-half of the garden were sprayed, that autumn, with lime-sulphur, the other half remained untreated to act as a control. Upon removal of the covering in April 1987, it was discovered that the untreated beds were just as healthy as those that had been sprayed. In November, 1987, the fungicide application was dispensed with and no fungal infection was noticed in April 1988. This may seem surprising, since the conditions under the covers were quite humid and subject to fluctuating temperatures.

Discussion

We can report good success with this method of protecting roses and intend to continue to use it. This system would not be suitable for those who grow isolated rose bushes in a mixed border. Serious rose growers would confine their collections to beds reserved for roses - for practical, if not aesthetic reasons, and could gain some advantages. Work records by Mr. B. Peart, Head Gardener, Hendrie Park, indicate that the greater saving in work time is gained in spring, a season of great work pressure. The removal of covers and garden cleanup is accomplished in less than half the time taken for removal of earth mounds, not taking into account the fact that the surplus soil must be transported from the garden. In addition, lawns are not damaged by wheelbarrows and the uncovering of the beds can be accomplished even if the soil is too wet for mound removal. The actual placing of covers in November, which requires some care, takes approximately as much time as the provision of soil mounds, but without the cost incurred in soil transport. From the foregoing it would appear that this method should appeal to those with large gardens, particularly public gardens.

An experiment of this nature raises certain concerns regarding costs, effectiveness and adaptability to other circumstances. At first glance, the cost may appear high, when one adds expenses for Poly-e-foam (or Microfoam), poultry netting, polyethylene sheets and their storage. Against this must be weighed possible purchases of soil or other covering material, the extra labour in applying and removing it and possible summer storage. However, in our trials, the material was usable for three seasons; with extra care, the lifespan might be further extended.

An aspect to be corrected is the provision of ventilation, particularly

in March/April. The warm, late winter conditions under the covers obviously accelerate growth, which is vulnerable to frost damage. This occurred some two weeks after the covers were removed in April 1988. In future installations, instead of the covers being buried on all sides, foot-high door frames will be placed at opposite ends of the beds, to permit ventilation in the spring. The covering will be fastened to the frame, the remainder (aprons) buried. When deemed desirable, the aprons will be lifted to admit air, without fear of the covers being torn by winds. (Such frames could support a beam, which in turn would prevent the covers from being punctured when pools of water form in depressions, following rain or snow melt.)

A test, initiated by Mr. Peart in 1986, entailed the pruning in November of half of the bed of 'Lancome' as normally pruned in spring. The other half of the bed was cut back to 12 inches, as described earlier and then pruned in April. The November-pruned roses performed just as satisfactorily as those pruned "at the proper time", suggesting that this task may be performed when there is less pressure of work. Such tests have been conducted with other cultivars since then, with the same results.

Poly-e-foam has also been used to protect certain tender climbing roses, such as 'America', 'Red Fountain', 'Goldener Olymp' and 'Malaga', with gratifying results. They were treated *in situ*, i.e. the canes not being removed from their supports (Fig. 6).

Our experience is limited to the Centennial Rose Garden, situated in Agriculture Canada Climatic Zone 6b. We have not heard of such experiments being conducted elsewhere, particularly in colder winter areas. Indeed, we would welcome contact with anyone conducting similar tests, or interested in undertaking trials, especially in Zone 4 or colder districts.

(EDITOR'S NOTE: Poly-e-foam is used commercially to wrap glassware and is also used in small strips to create airspaces between bricks. For this latter purpose, it is available in 8 or 9 inch wide rolls from building supply companies. Six foot wide Poly-e-foam is only available in 280 foot rolls from the manufacturer. The cost of the material is approximately 16-20 cents per square foot, and when handled carefully, can be used for about three seasons.

If there is sufficient interest, the CRS will consider purchasing a roll of Poly-e-foam and will ship you the desired amount at cost plus postage. If you are interested, please write to the Secretary by April, 1990, indicating the approximate size you will need.)

Fig.1: Advanced Bud-Growth Discovered Upon
Removal of Covers (April 7, 1987)

Fig.2: Application of Microfoam Sheets. Note Poultry Netting to Prevent Puncture of Covers (November, 1986)

Fig.3: Edges of Secondary (Safety) Sheet of White "Poly" Being Buried in a Trench

Fig.4: Rosebed Under Plastic Winter Protection. Note "Doorway" to Permit Access For Temperature Readings

Fig.5: Thermometers Used To Monitor Winter Conditions:
(Rt.) A Minimum-Maximum (Thermometer A); (Lt.) Thermometer B with Sensor Buried At Root Zone

Fig.6: A Free-Standing Specimen Rose Protected By A Cylinder of Poly-e-foam, Covered by Burlap

MY EXPERIENCES USING POLY-E-FOAM TO WINTERIZE ROSES

by Gilbert Whittamore

For several years I had been hearing about the excellent results obtained at the Royal Botanical Gardens in Hamilton when Poly-e-foam was used to winterize roses. So in the Fall of 1988 I decided to try it myself. My garden is a large country garden outside of Markham, Ontario. The site is quite exposed and in the winter it is subject to cold winds which dehydrate any rose stems extending above soil mounds. Last Fall I decided to try the Poly-e-foam method of protection on about one hundred of my roses.

The winter of 1988-89 was a snowless winter that saw many rose growers suffer high losses, but not one of my bushes under the Poly-e-foam showed any signs of winterkill. So, based on only one winter's use, I would say that Poly-e-foam provides very good protection. However, there are some practical considerations to take into account before deciding to use this method of winter protection.

First of all, the film is very lightweight and the wind can cause problems both when you are applying it and once it is in place. So only do your covering on a windless day and then make sure that the edges of the film are secured to the ground. I found the best anchor was shovelfuls of soil completely burying the edges of the film.

Secondly, Poly-e-foam is manufactured in 72 inch wide rolls, so pieces cut to cover beds are lightweight but clumsy to work with. Application is much easier if the rose bed is about 48 inches wide and the shape of the bed is square or rectangular. It may present conundrums on curved or odd shaped beds and on odd rose plants that are interspersed among perennials or shrubs.

Thirdly, the film punctures and tears easily, so some method must be devised to reduce the punctures from stem ends and thorns.

And lastly, the application method must also protect the bushes from being crushed absolutely flat to the ground in case of heavy snow.

How do you accomplish all these objectives? Let me describe the method I used, but let me also say that I think that individual techniques will probably have to be worked out by each rosarian for each specific rose bed.

The rose bushes can be pruned to 12 to 18 inches, as was done at the Royal Botanical Gardens, or else you have to devise a method to bend them over so they are 12 to 18 inches off the ground. I chose the latter approach. First I placed blocks of wood around the bed and used them to support fence rails about 12 inches off the ground. Then I rolled plastic snow fence over these rails and the unpruned roses and forced the

bushes to bend over. This was covered with the Poly-e-foam and then 4 mil white (not clear) polyethylene vapour barrier was placed over the film. The edges of the vapour barrier and the Poly-e-foam were buried with shovelfuls of soil to secure them.

And that was it. The protection remained in place until mid April 1989, when the whole thing was removed at once. I did not open the ends of the beds for air circulation, etc. but just relied on the natural holes and tears that had occurred in the film over the winter. When I removed the covering the bushes were green to the very tips and there was no winterkill at all. The stems had already begun leafing out - in fact, they were so far out that it was too late to apply my usual dormant spray to them. For the first time I had Hybrid Perpetuals that came through the winter green to the very ends of their four to six feet long stems. Every bush under the Poly-e-foam survived!

My conclusion to date is that this method of winter protection is very effective but it is not entirely carefree. It took about the same amount of time to protect the roses in the Fall as when I used to hill them up and it was an awkward job. Also, there was a lot of material to store over the summer. But come April, uncovering is a snap, quick and easy and you uncover healthy, green bushes already leafing out. So there are choices to be made and each gardener will have to decide for him or herself whether this type of winterizing will answer his own particular needs.

THE AUSTIN ROSES AT THE ROYAL BOTANICAL GARDENS

by Ethel Freeman

"English Roses" is the name given by the hybridizer, David Austin, to his new category of roses. These New Roses in the Old Tradition combine the form, perfume and charm of old garden roses with the colours and repeat habit of modern roses. They are shrubs of differing sizes, depending upon cultivar, which can be pruned like hybrid teas to keep the larger ones in check, if so desired. The Austin roses are creating great interest all over the rose world, but because they were bred in England, they are not yet widely available in Canada. Moreover, rosarians who have wanted to try them, have been concerned about how they would fare over the winter.

Experience with these roses at the Royal Botanical Gardens, Hamilton, Ontario, has shown that they are beautiful additions to the landscape and that most are quite hardy - indeed, many of them have now survived there for three years without any winter protection. They should have a place in Canadian gardens, and in order to encourage you to try them, we offer a short history of the cultivars that have been grown at RBG.

Austin roses were first brought to our attention in 1983 at the World Federation of Rose Societies Convention in Baden-Baden, West Germany. Shortly thereafter, Mr. Austin's daughter visited RBG and remarked that she hadn't seen any of her father's introductions growing in North America. Upon her return to England, Mr. Austin sent a note to George Pagowski recalling his daughter's visit, and enclosed one of his catalogues. Although Austin wasn't really interested in exporting his plants at that time, George managed to get him to agree to send some budwood to RBG in 1984, where it was budded onto multiflora understock. Initially, the interest was to find out how the plants would perform in our climate, even though David Austin doubted that they would survive our winters. But, by the following spring the plants were gorgeous!

In this first 1984 batch, there were five plants of each cultivar. Two plants of each cultivar were put in a trial bed and winterized in the customary way. The other three were left in nursery rows and not covered. All the plants in the trial bed survived, but there were some losses in the nursery beds.

More plants were propagated in 1985 and planted in the spring of 1986. These bushes were planted behind a hedge, which sheltered them from the south, east and west, but left them open to the north. These plants have never been winter protected.

In the fall of 1986, display beds were established in the RBG

Centennial Rose Garden, which contained the Austin cultivars introduced up to that time. New cultivars have been added each year. All the bushes in these beds have received winter protection annually.

Below is a list of the cultivars planted at RBG up to and including 1987:

LEGEND:

- Unmarked cultivars are planted in beds that received winter protection using Poly-e-foam in 1987/88 and 1988/89 and soil mounds before then. No losses have been reported among these cultivars, except for corner plants of 'Yellow Button' and 'Pretty Jessica'. (The latter is a very small plant and not a very vigorous grower.)

- * indicates cultivars that were not protected during the winters of 1986-1989 and have survived. Some wind protection was received by being planted on the north side of a yew hedge. Most of these were transplanted to the Rose Garden proper in October, 1988 - where they have overwintered without any protection. They retained most of the current season's and older wood. Unripened current season's wood was winter-killed. There were some losses in this planting in the spring of 1987 (i.e. behind the hedge), which suggests that it would be advantageous to provide winter protection (soil mounds) to newly fall-planted specimens. Once the plants are established and carry well-ripened current season's wood, winter protection may be dispensed with for these cultivars.

- ** indicates cultivars that have never received winter protection, but approximately 1 in 5 plants of each cultivar has been lost since the winter of 1986/87.

- *** indicates cultivars that were not winter protected and were all dead after the first winter.

- # indicates non-recurrent cultivars. Note that because of this, these become very robust shrubs, that appear to be winter hardy at RBG.

	Admired Miranda		Lucetta
	Belle Story		Mary Rose
* -	Bredon		Moonbeam
	Canterbury	* -	Perdita
***-	Charmian	* -	Pretty Jessica

	Charles Austin		Prospero
	Chaucer		Proud Titania
*# -	Chianti		Red Coat
**#-	Constance Spry	**#-	Shorpshire Lass
* -	Cressida	** -	Sir Clough
** -	Cymbeline		Tamora
***-	Dapple Dawn		The Friar
* -	Dove	** -	The Miller
	Ellen		The Prioress
	Fair Bianca	* -	The Reeve
* -	Graham Thomas		The Squire
* -	Heritage		The Yeoman
** -	Hero	** -	Wife of Bath
** -	Hilda Murrell	* -	Wenlock
* -	Immortal Juno	** -	Windrush
	Jaquenetta		Wise Portia
* -	Leander		Yellow Button
* -	Lordly Oberon		" Charles Austin

In the fall of 1988 'Symphony' ('Allux Symphony'), 'Claire Rose', 'Fisherman's Friend' and 'Warwick Castle' were added to the collection. Because they were newly planted in the fall, they were protected with soil mounds for the winter and they all survived.

To judge how these roses will do in your area, consider that the Royal Botanical Gardens is in Agriculture Canada Zone 6b, but there was no snow cover at all over the last two winters. It is George Pagowski's considered opinion that, with snow cover, the hardier of these roses would definitely survive in Zone 5 with no winterizing, and perhaps in Zone 4 with winter protection of 12 inch soil mounds, then evergreen branches applied on top of the mounds once they are frozen, in order to hold the snow. He also suggests that, like all roses, they not be fed after the end of July and they not be deadheaded after September 1st, to allow them to harden off before winter arrives.

I am enchanted by these roses, but since many of you have not seen them "in the flesh", here is a short list of George's favourites and some of my own, in the hope that you will be inspired to look for them. George's favourites include:

The Squire-	for size & colour of flowers and the robust, dwarf plants; a bit slow to repeat
Moonbeam-	for its flowers, scent and beautiful white colour
Canterbury-	for its flowers, scent, clear pink colour and the size of the plant
Bredon-	for its flowers, scent and because it's always in bloom

Wife of Bath-	for its flowers, old-fashioned scent, always in flower
Lucetta-	for its flowers and scent; repeats well
Pretty Jessica-	dainty plant and flowers, if not a robust plant
Graham Thomas-	flowers, size, yellow colour, robust plants; in bloom all summer
Perdita-	scent, old-fashioned very double flowers
Yellow Button-	so pretty, 2 colours, scented

And I am impressed with:

Graham Thomas-	one of the most popular, yellow, 5 feet tall, repeats well
Lucetta-	tall, ethereal pink flowers
Fair Bianca-	pure white, looks like a damask rose
Pretty Jessica-	short, fully quartered form, looks like 'Mme. Hardy'
Wise Portia-	shades of purple and mauve
Belle Story-	pale pink, 5 feet tall by September
Perdita-	apricot-blush, very fragrant
Bredon-	small fluffy buff-yellow blooms, compact bush about 3 1/2 feet high
Windrush-	single lemon flowers
Wenlock-	large plant, blue-red flowers
The Squire-	red, almost like a gallica hybrid, beautiful rosette shape when open, dwarf habit
Chianti-	gorgeous purple-red, looks like a gallica, fragrant
The Friar-	small apricot buds open to white blooms

Almost all the roses mentioned are available from Pickering Nurseries or Hortico Nurseries. They are budded in Canada by these nurseries and are grown in open fields until sales time. This means that they are better adapted to our conditions than plants imported from England.

If you want to try something different, something new, something beautiful, yet repeat blooming, fragrant and apparently hardy, try one or two of the Austin roses.

A PLEASURE OF ROSES

by Professor Harvey Kerpneck
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When we lived in Thornhill, Ontario, before it became swamped by "dormitory" housing and we moved south - ironically, to what was then a more rural part of the city, York Mills - I had a patio rose garden, which gave an enticing view over the sizable Thornhill lot. When we moved to York Mills - no sidewalks, huge old trees, all the illusion possible in Canada of a Cotswold village and hence the reason so many of my neighbours walk the neighbourhood in pairs for recreation - I had to reconstruct the garden that came with the little 50s bungalow. The first thing I added, down the west side of the house (it faces north and south, so, though the east wall of the next bungalow is fairly close, the west wall receives a great deal of sun) was an herb garden. It is our joy now: hardly a meal goes by that my wife does not ask me for three or four herbs for the food she is preparing. The herb garden, which stretches down the west side of the house between the garage door and the kitchen door, now contains: costmary, sweet cicely, two kinds of sage, 4 kinds of thyme, lovage, chervil, 3 kinds of basil, rosemary, parsley, dill, fennel, tarragon, chives, garlic chives, marjoram, rue - as well as a background 'Nellie Moser' and hyssop, valerian, salad burnet, vervain, lemon balm, pennyroyal and four other mints. Needless to say, Mrs. Richter smiles cherubically when we enter her doorway!

Now, ironically, though perhaps we should have anticipated it happening to a neighbourhood as "rural" and as close-in as York Mills, an upmarket version of dormitorying is hitting us hard. To a gardener, one of the most horrifying aspects of the transformation of this neighbourhood is the disappearance of the gardens. Obviously, "monster" homes leave little room for gardens and most of the new construction is, rather pathetically, framed by thin borders of grass. Trees are out of the question: and the front is usually "landscaped" by "professionals", with rocks and hillocks and exotic greenery that looks straight out of Better Homes and Gardens - and just as thoughtful and pleasant to the eye.

Still, since moving here we have continued to transform our garden and, since we are on a corner, we have not yet felt the direct impact of the building. With shrubs on the south and east sides, a large maple and a birch there too, foundation plantings and a good cedar hedge walling in the back garden, from the driveway to the end of the lot line, we are in a sense insulated from direct impact by the new building so we can, I hope, continue to ride it out. And while doing so we can enjoy the roses we have added, the primary point of this article.

Our patio garden in Thornhill contained the usual roses. I had

interesting shrubs everywhere - purple plum, buddleia, Russian olive, serviceberry, etc. - and interesting trees - hop hornbeam, Japanese tree lilac, tulip tree, etc. - but the roses were the ones everyone plants. We had, over the years, all the forms of 'Peace', 'Garden Party', 'John S. Armstrong', 'Fashion', 'Lilli Marlene', 'White Knight', 'Tropicana' etc. No question they were beautiful but there was little sense in doing anything the least bit unusual in growing them, nor were they different from the roses my neighbours grew - though admittedly most of my neighbours preferred a garden that took less effort than a rose garden - of any size - does.

By the time we moved to York Mills, I suppose we were prepared for something different. By that time, too, we had visited England, or lived in it when I was on sabbatical, any number of times, and lived in France, too, so it was natural that our new rose garden, if there was to be one, would differ from its predecessor. When I had finished the herb bed, accordingly, I decided to begin with roses - there were only a few dark red hybrid teas in the perennial border in the back - by extending a row of plants south of the kitchen door, down towards the euonymous at the south-west corner of the house. I planted a climbing hydrangea, which is doing beautifully, touch wood, and, though its position is not shaded at all, gets more vigorous and more colourful each year. Southwards of it, I planted two hybrid musks, first 'Belinda', our source of intense pleasure now from the beginning of the flowering season, and then, beside her, her sister, 'Cornelia'. As I planted, I thought - sometimes a good idea when gardening - and that was all that went into that location.

And a good thing too! I cannot imagine a rose flourishing more happily and to better effect than 'Belinda'. This past spring I gave a separate trellis to both the hybrid musks - we had enjoyed the climbing version of 'Belinda' as well as the shrub form at the Royal Botanical Gardens for several years - and in order to fit 'Belinda' to her trellis, I had to do a severe pruning job on her (net cost: one Roots sweatsuit, courtesy of her quite formidable thorns!). The result was unimpeded growth and at least as spectacular a show as ever before!

'Cornelia', one year 'Belinda's' junior, is not nearly as prolific but that, so far as I can see from specimens I have seen in places like the Royal Botanical Gardens, is her nature. Hybrid musks, anyone wishing to plant them must know, are very various in their flowers, their vigour and size, and even in the appearance of the individual flowers. Generally speaking, 'Belinda' is the most floriferous of them all and I am sure neighbours sometimes don't know what she is. When in bloom - bloom begins very early in the season - the plant seems to light up, small individual flowers appearing first, then small clusters and finally 'Belinda' in all her glory! When in full bloom she is studded everywhere with panicles of tiny, relatively single pink flowers with white eyes (know 'Double Delight'? she is a less spectacular and paler version of that McGredy hybrid). She looks like a huge pink butterfly bush that is appearing well before its time. She remains

in bloom, panicles continuing to accrue right across the plant, for weeks. 'Cornelia', on the other hand, has larger - though still small - more double flowers, a slightly paler pink than 'Belinda', gathered in clusters of a dozen or more individual flowers. Her blooming is sparser but because the individual flowers are so elegant, she is still quite beautiful. And, intending growers, please note: one little 'Cornelia' flower that is allowed to dry can scent a table: the hybrid musks really are, as their name suggests, very aromatic - or most of them are.

Perhaps because of their location, not only can we, and any passing neighbour, enjoy their beauty for well into the summer - both 'Belinda' and 'Cornelia' have scattered repeat growth, though I fertilize very little - but they seem to need no winter protection. Obviously they benefit from heat radiated from the house (they are just above the furnace room window and under the kitchen window) but I suspect it is the hardiness of both - attested to by the incredible lushness of 'Belinda's' bloom - that is more important. They are also, I should mention, relatively free of problems: a minimum of proper dusting or spraying seems to take care of them. Regular watering, and, on occasion, root-feeding, seem to be appreciated.

Once the west wall had been taken care of, I planted other roses in the back garden, which is completely enclosed by our cedar hedge. On the north wall of the house, the garage wall, I planted, against trellises, a mixture of hybrid musks and 19th century French roses. The musks include 'Moonlight', another of Rev. Mr. Pemberton's beauties, a loose, semi-double small-flowered white bush, and 'Felicia'. The others include the bourbon, 'Zephirine Drouhin' and the climbing tea, 'Gloire de Dijon'. (Should I have mentioned not only that we have on occasion lived in both England and France but that my academic specialty is Nineteenth Century Literature - fiction, poetry and non-fiction prose? My fourth year special seminar, English 482, for the curious, includes Carlyle and Arnold and Trollope.) The north wall is always, as readers will know, difficult to grow roses on but though the bloom is less vigorous, they survive and give the eye a pleasant prospect to the south when we are sitting in the garden.

Elsewhere I have scattered bourbons and other old roses we have seen and liked: at the moment I write 'Baronne Adolphe de Rothschild' is once more in bloom, as is 'Souvenir de la Malmaison', and over on the other side of the garden, 'Quatre Saisons' is having a - surprising and pleasing - long second bloom - or is it the third? Down a bit from the 'Four Seasons' rose, 'Kazanlik' is putting out a good many new branches but I doubt that she will bloom again.

'Kazanlik', the 15th century (?) Bulgarian "attar of roses" rose should be considered seriously by anyone looking for an interesting old plant. She grows at least four feet in every direction, and when well cared for, is as prolific as 'Belinda'. We started her too close to the shade of a lilac and she resented that. Once moved, however, she came into her own, and the last two years her show has been unparalleled. She is a light pink, with the

incurving petals of the bourbons. The flowers form as on a floribunda and when she is in bloom it is not possible to count the number of roses - literally. Like the hybrid musks, her flowers are very small but while that would obviously deter the frequenter of neighbourhood nurseries, it is no drawback at all because the display is so spectacular. In addition, I can quite honestly report that she remains in bloom for weeks - that is, the first bloom is even more prolonged than 'Belinda's', or perhaps it is more correct to say that while 'Belinda's' panicles fade eventually, to be replaced by other panicles, 'Kazanlik's' clusters seem to last unendingly. Unlike 'Belinda', however, or the other hybrid musks, there is very little repeat bloom, and once 'Kazanlik' has flowered - after weeks of pleasure to all who enter the garden - she is through for the season. Is there a secret? Hard pruning seems to be it; like 'Belinda', she seems to require little fertilizing, though she is much more susceptible to fungus disease, but a very hard pruning - call it cannibalistic - in the early spring will reward you with what seems like an unending delight in the blooming season.

From all my roses - it is really a very small and rather indiscriminate collection, by the standards of exhibitors at the Rose Show - I, and my wife, derive a sense of contact with the past that is simply not available from hybrid teas or floribundas or grandifloras. (Like all teachers I am also a proselytizer: my mother-in-law's garden has as its centrepiece 'La France' (1867), the first hybrid tea.) In addition, with the hybrid musks, we obtain a sense of contact with another person who loved roses - indeed, an artist who created beautiful ones, the Rev. Mr. Pemberton. This is gratifying in a way that may be impossible to explain to the person to whom beauty is relatively unimportant and to whom gardens are enjoyable when they are labour - and thought - free. Call it a sense of history, if you will; and it is the same sense that draws us, each garden show, to the old roses on display. With the hybrid musks, we enjoy the special beauty only to be obtained from small objet d'art (no: I do not collect snuff boxes!) and we enjoy as well, in a single bush like 'Belinda', the same effect of beauty combined as on a larger scale a gardener might obtain by skilful planting of a variety of complementary plants.

If you wish delight from your garden and do not worry about uncomprehending responses from visitors to whom a rose is a rose is a rose, any of the roses I have named will give you great pleasure. The hybrid musks - hardy, different each from the other, floriferous, relatively disease-free, needing no coddling, are obviously roses that I will continue to explore and, as other things go from my garden, continue to grow. There is 'Prosperity' and 'Ballerina' and ....

Did I mention, by the way, that when we discovered Charles Austin's new English Roses at the Royal Botanical Gardens, we decided to experiment with these charming re-creations of old roses? As you will see if you visit a garden that displays them, each is - like the hybrid musks - very different from all the rest, exceedingly beautiful and delightfully individual.

Our first is 'The Yeoman'. (Did the Chaucerian name snare us?) Its bloom was elegant and graceful, and, now, as I write in mid-August, it seems to be intending to have a second bloom. I know: are they hardy? Stay tuned.

BELINDA (Hybrid Mask)-(Bentall, 1936)
From the Garden of H. Kerpnick

KAZANLIK (Damask) - (Prior to 1850)
From the Garden of H. Kerpnick

J.B. CLARK (Hybrid Perpetual)
(H.Dickson, 1905)

Photographed in Art Lane's garden in North York, Ontario during the summer of 1989.

'J.B. CLARK'

by Art Lane

'J.B. Clark' has been a part of our garden since I was a child, (I am now 80), and when I moved from my original home in 1946, I couldn't bear to leave it behind. The bush was already about 40 years old when I dug it up. When I got it out of the ground, it didn't have much more than a single bare root, which was several feet long. I pruned it, both top and bottom, and then replanted it in my new garden. Much to my surprise and delight, it has continued to grow and flourish to this day.

Since then, it has been moved once more. It has also produced several new bushes, by the layering method.

'J.B. Clark' is a hybrid perpetual, hybridized by H. Dickson in 1905 from a cross between 'Lord Bacon' and 'Gruss an Teplitz'. Its colour is classified as dark red, and the flowers are a deep scarlet, shaded blackish-crimson. The large double blooms are high centred, with 25 petals, and they are fragrant. The bush is very prickly and it is a very vigorous grower - almost a climber - easily reaching eight feet. It only blooms once, with an occasional later bloom, but because it blooms so heavily over an extended period, you don't really notice this. There are at least 150 blooms on the bush during its six week blooming season every year.

'J.B. Clark' seems to be extremely hardy, even for a hybrid perpetual. I have not winter protected it for many years now, and it has shown little or no winter damage. It and a plant of 'Frau Karl Drushki', which is about the same age and has also been transplanted, are the pride and joy of my garden.

HARDY OLD GARDEN ROSES TO TRY
OR
"TRY 'EM, YOU'LL LOVE 'EM"

by Anne Graber

In the past I have written about my enjoyment of miniature roses, of old garden roses and old garden rose books - all of which still fascinate me. However, since the focus of this year's Annual is on roses that don't demand as much care and protection as do hybrid teas, let me talk about some hardy old roses that can be grown in our smaller gardens.

I may seem fickle, but these hardy roses suit my present stage of gardening. The days seem shorter after fifty, or I take longer to rest up. A full time job takes more of my energy than it used to do. My big healthy children have moved on to their own homes, and are not here anymore to cut the grass and lug the bales of peat moss around. So, Paul and I look at the garden with a more critical eye, and get rid of the roses that are white with mildew every fall, and those which are defoliated from blackspot. The tender ones kill themselves and we don't replace them with the same variety.

Another change in our garden that makes for less work is to plant varieties in groups of three. They look better, support each other and make a more spectacular showing. We used to have one of everything we could squeeze into the garden, because there were so many varieties we wanted to try. There still are, but I try to resist.

But most of all, to cut down on the work, we are growing more varieties that don't need winter protection here in Toronto. High on our list in this category are some old garden roses we would not be without:

'HERMOSA' - a hybrid China from 1840, it grows into a bush only two feet by two feet - small enough for any garden! It has small pink semi-double blooms, which appear continuously all summer long. Why it is hardy, I do not know. We have lost all the other Chinas we have tried, 'Tipo Ideale', 'Serratipetala', 'Sanguinea' - only 'Hermosa' and 'Old Blush' remain, and 'Old Blush' is a spindly plant and has fewer blooms. But 'Old Blush' is one of the original stud roses, which brought remontancy to our modern roses, and so I will keep it. But 'Hermosa' should be in every garden, and is an excellent and rewarding variety for the beginning grower of old garden roses.

'STANWELL PERPETUAL' - a hybrid spinosissima from 1838, which grows into a bush three feet by three feet. It has delicate, pale pink to almost white, three inch, fragrant blooms. It blooms so profusely in spring

almost white, three inch, fragrant blooms. It blooms so profusely in spring that little of the grey-green foliage is visible. Rain will make the blooms soggy, but they are quickly replaced by fresh ones. The stems are covered with small, sharp, red prickles, so that the stems seem red when young. Put it in a corner where it won't reach out and grab you, and let it grow! Our old garden rose bed is raised 18 inches above the lawn and 'Stanwell Perpetual' cascades out and down over the wall in a gorgeous show all summer. It has fewer blooms after the first spring flush at the end of May, but there are always some to enjoy until a hard frost finally stops it. This variety never needs spraying and is hardy without winter protection, even on the Prairies.

'FATHER HUGO'S ROSE' (Rosa hugonis) - a species rose. If you come to the mid-May meeting of the York Rose & Garden Society in Toronto, you know our Rosa hugonis. Each year we bring a large branch to show those who don't believe roses bloom in May. It has a single, primrose yellow flower, only two inches across, but the blooms rise on short stems along the complete length of every cane. It is a cascading beauty that makes a breath-taking sight at that time of year. It only blooms once, but it remains an attractive green bush with large red thorns all summer, and I wouldn't be without it. It needs no spraying, no fertilizing and no winter protection, even on the Prairies. In fact, you will find it grows better in a poor soil. Just leave it to grow. There is one at Spadina House, in Toronto, that has survived on its own for many years - no one seems to know how many. It is now 10 feet tall and 12 feet wide. Be sure to take a look at it one late May, if you are next door looking at Casa Loma's new Secret Garden.

'ROSA MUNDI' (Rosa gallica versicolor) - a gallica, possibly prior to 1581. This is a neat, upright plant about three feet tall. This is another "once bloomer" that I would miss if it wasn't in my garden. Its many striped and splotched, pink, red and white blooms are produced in gay profusion over a long period, starting from mid-June. This is another variety that gives better colour if the soil is not too rich. It is deliciously fragrant, and as a bonus, has fat, red hips in the fall. The sight of it in bloom always makes me laugh - it looks something like a court jester at the ball.

'QUATRE SAISONS' - Well, three seasons, anyway - no bush blooms in our winters! It is also known as Rosa damascena bifera or Rosa damascena semperflorens. It is a damask from prior to 1819. Deep pink, with the well-known damask fragrance, it makes a four foot tall, upright bush. The best flush of bloom is in the spring, but there are always some blooms to smell or pick, right into October. These may have been the blooms that Cleopatra spread at Mark Anthony's feet, almost 2000 years ago.

at least 1789. This is a small plant, only three feet tall, very upright, that keeps to its own space, unlike the usual large size of most centifolias. It has one inch, soft pink, fragrant blooms that look like pompons - not the typical centifolia flowers. Prune it hard and it will produce better growth and more blooms.

'MADAME HARDY' - a damask from 1832, which grows into a five foot tall, upright bush. Its fragrant flowers are pale pink at first, and then open to perfectly round, flat, white blooms, each with a green button eye in the centre. This is an old favourite of everyone, that has not been surpassed in 150 years.

'KONIGIN VON DANEMARK'- an alba from 1826. The bush is four feet tall and has lovely, very double, rose-pink flowers, which are deeper coloured in the centre. The blooms are very sweetly scented. Like all albas, it is hardy, and has good, blue-green foliage that is attractive all year. It will take some shade better than most roses, and its blooms seem unaffected by the rain. It also has large red hips in the fall. Graham Thomas reserved his highest praise for this rose, and when you consider that people have been growing it in their gardens for almost 200 years, you know it must have something.

'HENRI MARTIN' ('Red Moss') - a moss from 1863, which grows five feet tall. This is the brightest red among the mosses, with a beautiful full flower that contrasts well with the paler colours of many of the old roses. It is very fragrant, and also has fat, mossy hips.

Many of the old garden roses grow into large bushes if allowed to do so. I have tried to suggest some of the smaller ones, that can be enjoyed in any suburban garden, while still enjoying the luxury of growing roses you don't have to winter protect.

The only old garden rose that we continue to grow which needs winter protection is 'Souvenir de la Malmaison', a bourbon from 1843. It has creamy flesh-coloured, large, quartered blooms on a short plant, and is one of the most famous of all roses. It is so beautiful that we couldn't bear to be without it. So, we treat it like a hybrid tea and mound it with 12 inches of soil in the fall.

The best way to discover which varieties you like, is to see them in local gardens. Here in Toronto, that means the Civic Garden Centre. Better still, go to the Royal Botanical Gardens, Hamilton, where they have a magnificent collection of old garden roses. If you ask around, I'm sure you will also find someone in your neighbourhood who is growing them. If you want to read about old garden roses, and see glorious pictures, the Canadian Rose Society Library now has many books on the subject, thanks to a donation from the family of the late Theo Mayer.

Recently, the old garden roses and shrub roses have become more popular than they have been for a long time. This year, at the Canadian Rose Society rose sale in April, they sold out early in the evening, before anything else.

It is an exciting time to be trying more hardy, carefree shrub roses. As well as the older ones described above, there are Dr. Svejda's Explorer Series to try - ones like 'John Cabot', which received a Certificate of Merit in 1985 from the Royal National Rose Society of England. There are also the Parkland Roses from Morden, with 'Morden Blush' being the latest one to come on the market. We saw it blooming in healthy profusion in the Test Garden at Morden, Manitoba this past summer, in the august company of Dr. Henry Marshall and Dr. Lynn Collicutt. In addition, Austin's English roses are available from Pickering Nurseries or Hortico Nurseries. What fun Paul and I are going to have seeing which of these enticing beauties fit our current garden.

DESIGNING WITH OLD GARDEN ROSES

by Mary Baillie

More and more rosarians are growing Old Garden roses and shrub roses. Their fragrance and delicate beauty give great pleasure and most of them can be used in today's flower arranging. You can actually use them as you would hybrid teas, except that they do not last as long.

Very careful conditioning is vital if you want to use these blooms in decorative work. Cut them in the early morning or in the evening, before they are fully open. Strip away the lower leaves that will be under water in the arrangement because they will only decay and exude bacteria into the container. The sap in the stem of the rose can be compared to the blood in the human body. When the flower is cut it forms a callus which seals over the wound. Air pockets can form behind this scar and then water cannot be taken up by the stem. It is therefore necessary to cut the stem again after you have brought it into the house, preferably under water. Burning the cut end of the stem also works well with these roses. Hold the end over a candle until it is blackened or dip the ends of the stems in boiling water for a minute, protecting the blooms with paper. Then immediately place the roses in deep cool water for six hours or overnight.

These roses like plenty of deep water when they are arranged. They dislike oasis in any form, so a good pin holder may help. Another way is to hold them in your hand, arrange them and then place them loosely into a container. Deep containers are best. In this way the roses may droop over a tall container in the manner of the Old Masters paintings - although it is not necessary to follow this type of design slavishly. Develop your own style! Other containers which go naturally with these types of roses are baskets of rough texture, wooden containers and old fashioned glass.

Driftwood and certain branches, grasses and thin pointed leaves all combine well with these roses. Generally speaking it is better not to use other types of garden flowers with them. However, the textures of different fruits such as grapes, apples and pineapples can be used to great effect.

Some roses to try are 'La Reine', which has good form and is especially nice in Victorian arrangements. 'Penelope', 'Louise Odier', 'Nuits de Young', 'Mme. Hardy', and 'Rose des Peintres' also have good form. 'The Fairy' makes for wonderful contrasts. The striped roses, 'Rosa Mundi', 'Variegata di Bologna', 'Roger Lambelin', etc. and the Moss roses all seem to last well when cut. The Austin roses ('Graham Thomas', 'Constance Spry', etc.) last well, have excellent form and are repeat bloomers. 'Carefree Beauty', hybridized by Dr. Buck and 'William Baffin' and all the other winter hardy shrubs in the Canadian Explorer Series and the Morden Series should be tried.

Some miniature roses can also be compatible in arrangements with

the Old Garden and shrub roses. Avoid the bright and brassy colours which do not go with the more delicate colouring of the older roses. Instead select pinks, reds or mauves such as 'Beauty Secret', 'Blueblood', 'Acey Deucy', 'Sea Breeze', 'Lavender Lace', 'Sweet Chariot' and the new 'Debut'. The contrast achieved when miniature roses are used as fillers in the design is very pleasing and displays the larger roses to advantage.

I hope that one day the Canadian Rose Society National Show will have a class in the Design Section for these roses. It is hard for them to compete with the hybrid teas but they do seem to have great appeal to all who see them. In the meantime, try some designs of your own using them. You won't regret it.

GALL-INDUCING CYNIPID WASPS ATTACKING Rosa rugosa

by Joseph D. Shorthouse
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Abstract

Galls of two cynipid wasps are becoming increasingly common on the shrub rose, Rosa rugosa Thunberg, and its hybrids in gardens of Ontario cities. *Diplolepis spinosa* (Ashmead), found naturally in Ontario on Rosa blanda Aiton, induces large stem galls, whereas *Diplolepis radicum* (Osten Sacken), found naturally in Ontario on Rosa acicularis Lindley, induces root galls. One or two galls per plant appear to cause little damage; however, dead branches with 10-15 stem galls and hedges stunted by large root galls have been found.

Several cultivars of the shrub rose, Rosa rugosa Thunberg, known as rugosa roses, are gaining popularity in the gardens of southern Canada and northern United States because of their attractive flowers and fruit, as well as their cold hardiness and adaptability that enables them to survive in harsh urban environments (Thomas 1980; Svejda 1975). Several rugosa hybrids are resistant to insect pests and blackspot (Svejda 1984), and thus the appearance of new pests is of concern. The purpose of this paper is to report on the occurrence and biology of two endemic cynipid wasps, *Diplolepis spinosa* (Ashmead) and *Diplolepis radicum* (Osten Sacken), that have colonized rugosa roses in urban centres in Ontario, Canada.

All of the approximately 30 species of North American *Diplolepis* are restricted to inducing galls on wild roses (Shorthouse and Ritchie 1984). Each species of *Diplolepis* is responsible for characteristic galls on either the leaves, stems or roots of wild roses (Shorthouse 1982). *Diplolepis* attack only closely related hosts and are highly organ specific. Galls induced by *Diplolepis* are complex structures with numerous layers of tissues that provide the larvae with nutriment and shelter (Rohfritsch and Shorthouse 1982).

Beutenmuller (1907) provided descriptions of 20 species of *Diplolepis* and their galls found in North America. Although little has been written on the genus since, the genus name has been changed from *Rhodites* to *Diplolepis* (Shorthouse and Ritchie 1984). Unfortunately, Beutenmuller's descriptions are inadequate and none includes figures of key characters.

Diplolepis radicum is included in Beutenmuller (1907); however, *Diplolepis spinosa* is listed as *Diplolepis (Rhodites) multispinosus*. Evidence for the identity of *D. spinosa* and *D. radicum* as the two species attacking R. rugosa, along with their galls and host plant relationships, will be published elsewhere by the author.

Adults of *D. spinosa* and *D. radicum*, like all *Diplolepis*, are small orange or black wasps averaging 5.0 mm in length (Fig. 1). The adults live for about 1 week in the spring; however, they are docile and seldom seen. When not ovipositing or searching for oviposition sites (Fig. 1), they rest on the underside of foliage.

All *Diplolepis* are univoltine. They overwinter in the larval stage inside individual chambers surrounded by gall tissues. Pupation occurs in the spring, the adults emerge inside their chambers and chew an escape route to the outside. Escape from the galls is synchronized with the availability of host organs suitable for oviposition. *Diplolepis spinosa*, for example, lays eggs within the bases of immature leaf buds 1-2 cm in length (Fig. 1). The eggs hatch in about 4 days and the larvae are surrounded with rapidly proliferating masses of parenchyma-like cells soon after they commence feeding (Rohfritsch and Shorthouse 1982). Larvae feed throughout the summer on nutritive cells which line their chambers (Rohfritsch and Shorthouse 1982).

Galls of both *D. spinosa* and *D. radicum* are common on wild roses in southern Canada and northern U.S.A. In Ontario, most wild galls of *D. spinosa* are found on R. blanda Aiton, whereas galls of *D. radicum* are found on R. acicularis Lindley. *Diplolepis spinosa* induces large stem galls, whereas *D. radicum* induces large root galls. Over the past 10 years, the increased occurrence of galls of both species on rugosa roses in several Ontario cities clearly establishes that adult *Diplolepis* are able to switch hosts. Galls on rugosa roses are indistinguishable from those on wild roses.

Galls of *D. spinosa* are spherical, average 3-4 cm in diameter (some as large as 6 cm in diameter) and are covered with stout spines (Fig. 2). Each gall contains an average of 32 larvae, each within its own chamber (Fig. 3). Immature galls are soft and succulent and easily cut with a hand knife; however, once mature, they become hard and brittle.

Mature galls of *D. radicum* are soft and corky and average 4-6 cm in diameter (some are as large as 8 cm in diameter). Most are irregularly rounded and tomato-shaped (Fig. 4). The surface is smooth and spine-free. Both immature and mature galls are soft and succulent. An average of 90 larvae are dispersed within the gall in individual chambers. Galls are initiated on root tissues near the ground surface or at the tips of new sucker shoots as they break the surface. Galls of *D. radicum* are seen less often than those of *D. spinosa* because they are usually buried in detrius.

It is not known how the two species of *Diplolepis* are becoming established in urban areas; however, it is suspected that flying or wind-blown adults are originating from nearby wild roses. It is unlikely that nurseries

are inadvertently distributing gall-infested plants, as searches in 1985 and 1986 of several southern Ontario nurseries that propagate rugosa roses failed to reveal any galls. Whatever the means of dispersal, galls have become extremely common on rugosa roses in Ontario. Several beds in Sudbury, Ontario, for example, have become infested with hundreds of either stem or root galls, or both, within 3 years of the beds being established. One bed in Sudbury had about 1500 galls of *D. spinosa* on about 100 plants.

Although tissues of *Diplolepis* galls are derived from the host plant, one or two galls per plant appear to cause little damage. The most serious concern may be the loss of aesthetic value since gall-infested branches or root crowns are unsightly. However, dead sucker shoots with 10-15 large galls of *D. spinosa* have been found, as have hedges with plants stunted by large galls of *D. radicum* (Fig. 5).

Although attempts have been made to control cynipid galls on oaks with insecticides (Koehler 1964; Bailey and Stange 1966), no attempts have been made to chemically control galls of *Diplolepis*. It would be difficult to control the majority of adult *Diplolepis* with contact insecticides because of their extended emergence period. Larvae within developing galls would be protected from contact insecticides and so systemics applied in the early spring should be considered. When gall populations are low, the most effective means of control is removal and destruction of the galls in the fall or early spring.

Acknowledgments

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THE CLEARING HOUSE

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For the 1988 Clearing House, which forms part of the 1989 Rose Annual, we were delighted to receive 776 reports from 51 contributors - a tremendous improvement over the previous year. Distribution of contributors and total number of reports for the past two years are shown below:

PROVINCE/USA	1987 CONTRIBUTORS	1988 CONTRIBUTORS
Alberta	1	6
British Columbia	2	7
Manitoba	2	3
New Brunswick	0	0
Nova Scotia	1	3
Ontario	11	18
Prince Edward Island	0	1
Quebec	3	4
Saskatchewan	1	3
U.S.A.	7	6
TOTAL CONTRIBUTORS	28	51
TOTAL REPORTS	422	776

Of the 51, 16 are new contributors - a warm welcome to the Clearing House. We had a number of inquiries and offers to contribute to the 1989 Clearing House for the 1990 Rose Annual, for which we are very grateful. The Clearing House Packages (including reporting forms, instructions for completion, and a return address envelope) are mailed each year in mid-August to all present contributors and those who have expressed interest in contributing. Anyone else who might like to contribute should write to Audrey Brisbane at the above address - a Clearing House Package will be sent to you. If you need extra forms, she always has plenty - no need to photostat them yourself - just drop her a note.

Thank you for your concise, informative and interesting reports, worthy of any rosarian's attention. Your letters of encouragement are appreciated, and are one reason why we continue to produce the Clearing House for you year after year. Please keep the reports coming!!

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ABBREVIATIONS USED

plant - pl	year - yr
height in feet - '	height in inches - "
hybrid tea - HT	grandiflora - Gr
floribunda - Fl	large flowered climber - LCl
shrub rose - S	miniature - Min

COLOUR CLASSIFICATIONS

When known, both the Canadian Rose Society and the American Rose Society colour classifications are given, using the abbreviations shown below.

	C.R.S.	A.R.S.
White & near white	W	w
Medium yellow	MY	my
Deep yellow	DY	-
Yellow blend	YB	yb
Apricot blend	AB	ab
Orange & orange blend	OB	ob
Light pink	LP	lp
Medium pink	MP	mp
Deep pink	DP	dp
Pink blend	PB	pb
Medium red	MR	-
Dark red	DR	dr
Red blend	RB	rb
Orange-red	OR	o-r
Mauve	M	m
Mauve blend	MB	mb
Russet	R	r

If we have a good colour description from Modern Roses 9 or a Rose Catalogue, this is included, after the colour classification.

NOTE: The full name and address of each contributor is listed on the second and third pages of the Clearing House. Surnames only will be used in the reports on individual roses.

HYBRID TEAS

AACHENER DOM (PINK PANTHER), H.T. (Meilland '82). PB (pb), silvery pink edged deep pink, 40+ petals. Mathieson (2 pls 2 yrs 3-4', B.C.): Pink - cream base, very double cupped bloom, exhibition form, good substance, fragrant, good repeat, well borne on attractive bushes - highly recommended. Bushy grower, very good foliage, no disease.

ABBEYFIELD ROSE, H.T. (Cocker '83, intr. '85) (National Trust x Silver Jubilee). DP (dp), rose red, 35 petals. Flood (5 pls 1 yr 2 1\2', Ont): Classical H.T. bloom, exhibition form, great substance - holds form quite a few days. Growth pattern similar to Silver Jubilee, compact, short, and short flower stems. Dark red foliage, very healthy. Did well considering the very hot summer.

ACE OF HEARTS (ASSO DI CUORI), H.T. (Kordes '81). DR (dr), 30 petals. Brown (1 pl 2 yrs 3 1\2', B.C.): Double bloom, exhibition form, good substance, fragrant. Tends to grow in clusters - must be disbudded for exhibition. Tall, strong, vigourous grower, no disease. Heaslip (2 pls 2 yrs 4', B.C.): Double, star-shaped blooms on long stems, good sharp centres but a bit small for exhibition, good substance. Dark green foliage. The only rose I've ever grown with petals that mildewed in spite of regular spray programme. (Last year for reporting this rose).

ALMONDEEN, H.T. (Christensen '82, intr. '84) (Angel Face x First Prize). PB (pb), almond and pink blend, 40+ petals. Brown (1 pl 1 yr 2 1\2', B.C.): Double cup shaped bloom, good substance, fragrant. Not pleased with growth or blooms in 1st year - will look at next year for improvement. No disease. King (1 pl 2 yrs 3', TX): Continuous bloomer, loose petalled form, good substance - a very nice garden rose, easy to grow. Dark green foliage.

AMERICAN SPIRIT, H.T. (Warriner '87) (Unnamed seedling x American Pride). MR (mr), 40-50 petals. Cochran (2 pls 2 yrs 4 1\2', CA): Dark red colour burns in sunny weather, muddy in fog. Many split blooms and confused centres, poor substance, mostly garden form. Somewhat thin foliage, mildews. Very disappointed in overall performance. Decker (1 pl 1 yr tall, AK): Exhibition form but small bloom, fair substance, short stems, no fragrance, only 2 blooms, mildews badly. May have a poor plant - will give it another year. Olympiad is best Red for our climate. Rodgers (10 pls 4 yrs med. tall, KY): Deep velvety red bloom, high centred form, plenty of petals, good substance. Long lasting but does fade - best in cool weather. J & P Rose of the Year for 1988. Upright grower, disease resistance excellent. Shewchuk (1 pl 1 yr 3', Alta): 5" bright red exhibition form bloom, good substance, long stems, slight fragrance, good repeat. Vigourous

grower, large, dark, glossy foliage, no disease. Hardy with my method of winter protection.

APRIL HAMER, H.T. (R.J. Bell '83). No reports.

AROWAGO (SHOWOFF), H.T. (Christensen '86). No reports.

AVE MARIA (SUNBURNT COUNTRY), H.T. (Kordes '85, intr. '81) (Uwe Seeler x Sonia). OB (ob), orange-salmon, 35 petals. Blyth (1 pl 5 yrs 30", Ont): High centred exhibition form bloom, good substance - a beautiful rose. Healthy dark green foliage, strong stems, repeats well but sparingly after first bloom, no disease. Must be protected - have lost 2 of original 3 in winter. Cochran (2 pls 7 yrs 5 1\2', CA): Brilliant non-fading orange-apricot blooms, medium size, exhibition form, excellent substance, borne in sprays and singles, long stems, floriferous - a real beauty and Show winner. Strong vigourous growth habit, dark, glossy, leathery foliage, no disease. Heaslip (1 pl 4 yrs 4', B.C.): Colour almost a fluorescent orange, double bloom, high centred form, thick substance, good repeat. Upright, slightly spreading growth habit. Hopkins (1 pl 2 yrs 3 1\2', Ont): Salmon pink double bloom, high centred exhibition form, good substance, strong stems, excellent cut blooms, attractive foliage. Slight blackspot, hardiness is good. (Last year for reporting this rose).

AZURE SEA, H.T. (Christensen '83). No reports.

BERYL BACH, H.T. (Harkness '85) (Sunsprite x Silver Jubilee). YB (yb), 40 petals. Flood (4 pls 1 yr 3', Ont): Very delicate colour - pale yellow flushed pink, many petalled bloom, lovely in bud stage, open flower very unusual but very attractive, exhibition form at 2\3 stage, good substance. Upright grower, lots of healthy foliage. Very interested in this variety - look forward to exhibiting this one next year.

BEVERLY HILLS, H.T. (Delbard '86, intr. '82). No reports.

BLUE RIBBON, H.T. (Christensen '84, intr. '86). No reports.

BLUE RIVER, H.T. (Kordes '84) (Blue Moon x Zorina). MB (mb), lilac shaded deeper at petal edges, 35 petals. Baillie (1 pl 3 yrs 20", Ont): H.T. form but often balls in heat and rain, substance often rather soft - can be a lovely rose in perfect conditions. Some blackspot. Brown (1 pl 1 yr 2 1\2', B.C.): Double bloom, decorative form, good substance, but have discarded - poor repeat and flower form and growth not to my liking. No disease. Eyvindson (1 pl 3 yrs 3', Man): Small flat many petalled bloom, decorative form, good substance, fragrant, but not many single flowers and blues in hot weather. Good basal shoots, disease free, hardy. Flood (4 pls

2 yrs 5 1\2', Ont): Perfect form, exhibition type, great substance, lovely colour blend, clear mauve at base of petal, petal edges almost a carmine red. Great exhibition rose and a show piece in garden. Good bloom production, repeats well and likes the heat! Tall upright grower, full, healthy foliage, hardy. Hopkins (1 pl 3 yrs 4', Ont): Medium size double bloom, garden form, fair substance. Vigourous, loaded with bloom but blooms are cabbagey, otherwise it deserves a rating of 6.4. No disease, hardy. Kopecky (2 pls 2 yrs 4', NE): Mostly garden form, sometimes exhibition, average substance - not as good as some of the mauves but has enough appeal to keep. No disease noted. Mathieson (1 pl 1 yr 2-3', B.C.): Cupped form, confused centres, not very attractive but extremely fragrant, slow repeat, mildews - discarded after 1st year.

BLUE WONDER, H.T. (Kordes '84 - not reg'd). (mr). Brown (1 pl 2 yrs 3', B.C.): A 'nothing' rose - got rid of it. Stanton (1 pl 3 yrs 3', Ont): Beautiful colour, exhibition form, excellent substance, floriferous, mostly in clusters, repeats well. Disease resistant, quite hardy.

BRANDY, H.T. (Swim & Christensen '81) (First Prize x Dr. A.J. Verhage). AB (ab), 25-30 petals, AARS '82. Bouwman (2 pls 3 yrs 3-4', Alta): Good colour, good size, exhibition form, excellent substance, enough coming each season. Visitors usually ask where to get it - they want one too. Strong stems, no disease, good winterer. Fawcett (2 pls 1 yr 4', Ont): Large bloom, exhibition form but bud opens quickly, good substance, good garden and exhibition rose. Strong branching grower, no disease. Will add more if it winters well. Flood (1 pl 2 yrs 5', Ont): Urn shaped bud, lovely exhibition form for a medium petal count, great substance but very slow to repeat. Disappointed in bloom production but love colour and form - will try one more plant next year in a new location. Tall grower, strong full foliage, no disease, hardy. Hopkins (1 pl 3 yrs 4', Ont): Large bloom, often exhibition form but sometimes loose and some confused centres, good substance, sparse bloomer. Disease resistant but tender. Jubien (2 pls 5 yrs 4', Que): Large bloom, exhibition form, good substance. I like the colour very much - always gets a glad hand from visitors too. No disease, hardiness excellent. King (2 pls 4 yrs, medium height, TX): 4" bloom, fair exhibition form, opens too fast, petals a little thin. Good foliage, no disease, doesn't winter well. Kirkland (3 pls 3 yrs 4', Ont): Colour very different, good form, rather sparse production but very popular with sightseers. Good disease resistance, hardy. Lacroix (1 pl 2 yrs 3', Que): Huge blooms but not alot of them, fair form and substance, some fragrance, looks good even when it fades. Upright grower, disease resistant, hardy. Schultz (1 pl 1 yr 22", Alta): Large well formed bloom, good substance but opens quickly in hot weather. Growth was slow to start, no disease. (Last year for reporting this rose).

BRIDE'S DREAM (MARCHENKONIGIN), H.T. (Kordes '84, intr. '86)

(Royal Highness x Seedling). LP (lp), very pale pink, 32 petals. Cochran (2 pls 2 yrs 5-6', CA): Pearl pink but lacks crisp frosty lustre, large exhibition form bloom but poor substance which affects colour and texture, and it balls. Big disappointment after Royal Highness - will remove it. Tall plants with good foliage but must be sprayed for mildew. Duskin (2 pls 1 yr 4', OR): Very large double bloom, form could be classic if it would open, very soft substance, sodden mess on a really wonderful plant with strong growth habit and large dark foliage, but it is "Bride's Nightmare" here. Very similar to Royal Highness in shape and colour. Lemire (6 pls 48", Ont): Full, exhibition form bloom, fair substance, disease resistance OK. Royal Highness is more tender but stronger in colour, brighter after cutting, and better formed.

BROADWAY, H.T. (Anthony Perry '86) [(First Prize x Goldglow) x Sutter's Gold]. YB (yb), golden yellow blended pink, 35 petals, AARS '86. Balcom (1 pl 3 yrs, tall, Ont): Large bloom, yellow tipped with deep pink, high centred form, good substance, slow to repeat but second bloom this hot summer has been excellent. No disease, hardiness excellent. Decker (1 pl 3 yrs, medium tall, AK): Exhibition form, good substance but does not do well in cool rain, slow repeater. Have not found a good yellow H.T. for our climate unless protected from rain. Yellow floribundas, Sunflare and Sunsprite, do best here. Stems tend to be crooked, mildews. Eyvindson (1 pl 1 yr 1', Man): Very little growth and no blooms - blind shoots due, I think, to extremely dry hot summer - will report next year if it winters. Flood (2 pls 2 yrs 3', Ont): Classical H.T. form, exhibition type, strong substance, lasts well. Colour not a fixed yellow, shows pink like its parent Sutter's Gold. I like this one. One to a stem, presents well in a single vase. Medium growth habit, strong Peace-like foliage, no disease, hardiness OK. Heaslip (1 pl 2 yrs 3', B.C.): Double bloom, high centred form, very good substance but stingy bloomer. Medium size, semi-glossy foliage, mildew prone. King (3 pls 2 yrs medium tall, TX): Large bloom but poor form, not organized, and poor substance - an AARS boo boo - should never have been chosen. Kopecky (4 pls 3 yrs 3', NE): Not the greatest form, some split centres, mostly garden type, fair to good substance. An AARS selection that makes one wonder how roses are selected for this honour. Produces enough blooms to keep but nothing spectacular. Shewchuk (1 pl 3 yrs 3', Alta): 4-5" bloom, light reddish pink suffused with yellow but colour fades in sun and spots badly, good repeat. No disease, hardy with my method of winter protection.

CAMPHILL GLORY, H.T. (Harkness '80, intr. '82) (Elizabeth Harkness x Kordes Perfecta). PB (pb), 54 petals. Armstrong (1 pl 1 yr 3 1\2', N.S.): Large elegant bloom, high centred form, good substance. Upright grower, no disease. Brown (2 pls 2 yrs 4', B.C.): Double bloom, exhibition form, good substance, but centre tends to stay as bud while outer petals open flat,

fragrant. Tall upright grower, medium green foliage no disease. Cochran (2 pls 5 yrs 5-6', CA): Creamy pink buds open slowly to great exhibition form blooms on long stems, substance great in hot weather but a little thin when it's wet - must be protected. I use plastic sandwich bags with bottom wired open for air circulation and remove them when sun rises - worth the effort. Floriferous, very vigourous grower, disease free if sprayed. Flood (2 pls 4 yrs 6', Ont): Huge exhibition bloom, great form, strong substance, but not enough bloom production for me and it lacks enough foliage for such a grower. Strong point - it exhibits well. No disease, hardiness is great. Mathieson (3 pls 4 yrs 5-7', B.C.): Very double bloom, pink/yellow/cream blend that varies with weather, pointed exhibition form, good substance, some flawless blooms but can be spoiled with heavy rain. Tall grower, very little disease.

CAN-CAN, H.T. (LeGrice '84, intr. '82) [Just Joey x (Superior x Mischief)]. OB (ob), vivid orange, 24 petals. Baillie (1 pl 3 yrs 15", Ont): Exciting colour, loose form, good substance. Very short growth habit, disease free, hardy. A very nice rose but gets lost among the taller ones.

CANDLELIGHT, H.T. (Christensen & Swim '82) [Shirley Laugharn x (Bewitched x King's Ransom)]. DY (dy), 30 petals. King (1 pl 3 yrs 4', TX): 4" bloom, spreading form, good substance, has some potential as an exhibition rose but not a 'Lanvin' - a good all round plant. Mildews.

CARAMELLA, H.T. (Meilland '86 - not reg'd.). AB (ab). Rodgers (1 pl 1 yr, very tall, KY): Caramel colour blooms, excellent high centred form, good substance, long stems accent huge blooms. Very unusual colour, good for garden, Show or cutting. Vigourous grower, dark green foliage, excellent disease resistance.

CARY GRANT, H.T. (Meilland '87). OB (ob). Cochran (2 pls 1 yr 5 1\2', CA): Luscious colour - golden-orange with apricot suffusing. High centred exhibition form, excellent substance, light fragrance, borne several buds per stem. Upright spreading growth habit, strong thorny stems, well clothed with large matt foliage, no disease so far. Lacroix (3 pls 1 yr 3'6", Que): Biggest rose I've ever seen, excellent high centred exhibition form, some quartered centres in spring, very good bloom production, very sweet raspberry fragrance - outstanding rose. No disease. Rodgers (20 pls 2 yrs, medium tall, KY): Bloom reminds people of Touch of Class - tangerine orange with salmon tones, huge bloom, excellent Show form. Bushy grower, many basal breaks, very thick stems, dark green glossy foliage, no disease.

CELEBRITY, H.T. (Weeks '88, intr. '89). (dy), lemon yellow. Rodgers (10 pls 1 yr, very tall, KY): Huge 8" bloom, pure brilliant lemon yellow, stunning exhibition form, excellent substance, high petal count, takes heat,

good production. This may be the yellow rose that everyone has been waiting for. Vigourous bush, dark green glossy foliage, no disease.

CHABLIS, H.T. (O.L. Weeks '83, intr. '84) (Seedling x Louisiana). W (w), creamy white, 40+ petals. Heaslip (2 pls 2 yrs 5', B.C.): Double bloom, good high centres, heavy substance. Blooms are so heavy the weak necks cannot support them, balls in wet weather. Upright grower, medium green foliage, no disease.

CITY OF AUCKLAND, H.T. (McGredy '81, intr. '82) (Benson & Hedges Gold x Whisky Mac). OB (ob), bronze. Brown (1 pl 3 yrs 2 1\2', B.C.): Double bloom, decorative form, good to excellent substance, great colour and good repeat - an excellent garden variety. Short bushy grower, dark green foliage, no disease.

CLEO, H.T. (Bees Ltd. '81) (Kordes' Perfecta x Prima Ballerina). MP (mp), 37 petals. Hopkins (1 pl 1 yr 3', Ont): High centred exhibition form, good substance, long lasting blooms - very pleased with this first year plant. Upright grower, good foliage, no disease. (Last year for reporting this rose).

CYRIL FLETCHER, H.T. (Bees Ltd. '83) (Fragrant Cloud x Whisky Mac). W (w), creamy white, 35 petals. Decker (1 pl 1 yr, short, AK): Cupped bloom, few petals, decorative form, fair substance, pleasant fragrance. Weak stems, sparse foliage, mildews - may have a poor plant. Will try another year or two. Honor is our best white if kept out of rain.

DELTA GOLD, H.T. (A. Perry '88) (Arizona x World Peace). (yb). Rodgers (1 pl 1 yr, tall, KY): Brilliant velvety red with yellow base - very unusual coloration that stands out across the yard and will stand out on Show table. Excellent form, good substance, good production - highly recommended. Vigourous grower, dark green foliage, disease resistant.

DEREK NIMMO, H.T. (McGredy '81) (Unnamed Seedling x Unnamed Seedling). OB (ob), orange red/silvery reverse, 30 petals. Armstrong (1 pl 1 yr 2 1\2', N.S.): Large bloom, high centred form but opens quickly, medium substance. Spreading growth habit, no disease. Will hold on to it for another year if it survives the winter. Blyth (1 pl 5 yrs 3', Ont): Large bloom, high centred H.T. form, good substance - disappointed after first 2 years. Fair grower, no disease, needs good winter protection. Kopecky (2 pls 2 yrs 3', NE): Mostly exhibition form, good to very good substance. It takes Canadian roses two years to become established in my garden - this is when I judge their worth. After a poor first year, Derek came on strong - shows lots of potential. (Last year for reporting this rose).

DR. DARLEY, H.T. (Harkness '81) [Red Planet x (Carina x Pascali)]. DP

(mp), 35 petals. Flood (3 pls 4 yrs 2 1\2', Ont): Strong pink non-fading colour, buds are beautiful, great exhibition form, medium substance but flowers somehow don't measure to top standard. Performs well in garden. Low grower, no disease, hardy. (Last year for reporting this rose).

DOCTOR DICK, H.T. (J. Cocker '86) (Fragrant Cloud x Corso). OB, 40+ petals. Cochran (2 pls 2 yrs 5', CA): Bright orange-coral with apricot shading, high centred exhibition form, good substance, lightly fragrant, good repeat. Will keep this beauty. Beautiful show blooms and good garden colour. Upright grower, matt medium green foliage, no disease so far.

DOLLY PARTON, H.T. (Winchel '84, intr. '83) (Fragrant Cloud x Oklahoma). OR (or), luminous orange-red, 35 petals. Brown (2 pls 2 yrs 3', B.C.): Huge exhibition form blooms. When at their best will win any Show, good substance, very fragrant. Has better colour and as good fragrance as Fragrant Cloud, one of its parents. Some mildew. Heaslip (1 pl 3 yrs 4', B.C.): Very large bloom, exhibition form, heavy substance, strong fragrance. Medium green semi-glossy foliage, mildews in spite of regular spray programme. Hopkins (2 pls 3 yrs 4', Ont): Very large exhibition bloom, excellent substance, very fragrant, nice blooms in spring and summer. Some mildew, hardy. King (4 pls 2 yr 5', TX): In my opinion, the best rose to come along yet - has every qualification including an FFF rating on fragrance. My ARS rating 9.5. Just right for garden or Show. Mildews. Lougheed (1 pl 3 yrs 3 1\2', Ont): Large bloom, good form and substance, fluorescent, very fragrant, slightly shy on bloom but will always have a space in my garden. Mostly single blooms, sometimes weak necked. Disease resistant, hardy. Rodgers (10 pls 3 yrs, medium, KY): Huge 8" blooms, perfect exhibition form, excellent substance, stunning burnt orange-red colour, heavy old perfume fragrance, good production. Bushy grower, fair basal breaks, disease resistance excellent. Shewchuk (1 pl 2 yrs 2 1\2', Alta): 6" bloom with very large petals, high centred exhibition form, good substance, sweet fragrance - good for pot-pourri. Would like more bloom - perhaps isn't mature yet. Some mildew, hardy with my method of winter protection.

DOTHAN, H.T. (A. Perry '84) (Koppie x King of Hearts). MP (mp), 35 petals. Brown (1 pl 1 yr 2 1\2', B.C.): Exhibition form, fair substance, may be a good exhibitor - will wait another year. Upright grower, medium green foliage, no disease.

DOUBLE PERFECTION, H.T. (Joe Winchel '88, intr. '87) [(My Dream x First Prize) x Unnamed Seedling]. (rb) strawberry red and cream. Rodgers (15 pls 1 yr, tall, KY): Stunning colour blend like Double Delight but more consistent, blooms gorgeous when cut before sun touches them. Exhibition form with reflexed petals, tremendous substance, long stems.

Vigourous grower, dark green foliage, no disease.

DUBLIN, H.T. (A. Perry '82, intr. '83) [(Seedling x Mister Lincoln) x Ann Letts]. MR (mr), 35 petals. Brown (1 pl 1 yr 2 1\2', B.C.): Large blooms, high centred exhibition form, good substance, long lasting, excellent promise. Have ordered more. Upright grower, dark green foliage, no disease.

DUFTRAUSCH, H.T. (Tantau '86). MP (mp), 40+ petals. Cochran (2 pls 3 yrs 5 1\2-6', CA): Dark fuchsia pink that retains colour, long buds open very slowly into large exhibition form blooms that last very long on the plant or cut, very good substance, borne singly on the longest stems, very fragrant. Beautiful in hot weather but fog here damages colour and substance. Tall vigourous plants clothed with semi-glossy leathery foliage, no disease.

DUFTZAUBER '84 (ROYAL WILLIAM new name), H.T. (Kordes '84) (Feuerzauber x Unnamed Seedling). DR (dr), 35 petals, J&P Rose of the Year '87. Blyth (2 pls 1 yr 4', Ont): Large blooms, high centred exhibition form, excellent substance, bloom opens slowly but doesn't ball, keeps its true colour, repeats well - looks like a winner. Strong grower, healthy dark green foliage. Brown (2 pls 2 yrs 5', B.C.): Double bloom, decorative form, good substance but flowers somewhat small relative to growth habit - a nice garden rose. Dark green foliage, no disease. Hopkins (1 pl 3 yrs 4 1\2', Ont): Large double bloom, garden form, good substance, slight fragrance, lovely prolific garden rose. Upright vigourous grower, disease resistant, hardy.

ELEGANT BEAUTY (DELICIA), H.T. (Kordes '82) (New Day x Unnamed Seedling). YB (yb), 20 petals. Cochran (3 pls 5 yrs 5 1\2', CA): Beautiful long bud, buff yellow tinged with pink-coral on edges, opens slowly into a smashing rose, high spiralled centres, great substance (and only 20 petals). Will open rather fast in very hot weather, great for our cool climate. Winning top awards at ARS National Conventions. Large dark green matt finish foliage, no disease. Duskin (1 pl 3 yrs 3 1\2', OR): Large exhibition form bloom with needle sharp centre, excellent substance, usually in small clusters - a 'wow' rose - exhibitors all over the northwest are scrambling to locate plants. (Hint, does really well from cuttings).

ELINA (PEAUDOUCE), H.T. (Dickson '85, intr. '83) (Nana Mouskouri x Lolita). MY (ly), pale yellow to ivory, 35 petals, N.Z. Gold Star '87. Brown (2 pls 2 yrs 3', B.C.): Large double bloom, classic exhibition form, good substance - a good all round rose for garden or exhibition, slight fragrance. Vigourous grower, dark glossy foliage, disease free. Cochran (3 pls 4 yrs 5 1\2', CA): Pale lemon yellow colour turns lighter in hot weather - you can cover them. Bloom has rounded petals, beautiful high centred

exhibition form, good substance - I love it. Tall branching grower with healthy, large, dark glossy green foliage. No disease when sprayed. Duskin (5 pls 3 yrs 4', OR): Large high centred exhibition form, excellent substance, on strong single stems, very productive. Continues to be a top rose in this area. No disease. Hopkins (3 pls 2 yrs 4 1\2', Ont): Large rounded double blooms, high centred exhibition form, excellent substance, long lasting, on long stems, slight fragrance. A terrific rose - highly recommended. No disease, hardy. King (1 pl 1 yr, low, TX): Small bloom, not a good colour, poor substance - disappointed with this one, may have received a poor plant. No disease. Mathieson (3 pls 3 yrs 4', B.C.): Large double bloom, exhibition form, very good substance, moderate fragrance. Very good for exhibition and for garden display, especially as the open blooms are so attractive. No disease. Smallenberg (2 pls 2 yrs 3 1\2', B.C.): Large bloom, rounded form, high centres, very good substance, delicate shades of soft clear yellow. A very lovely rose even when fully open. Lasts well as cut bloom or on bush. No disease. Yeomans (3 pls 2 yrs/2yrs/1 yr, 6'\5'\2 1\2', B.C.): A great rose, good growth, beautiful bloom, healthy with spraying.

ELIZABETH TAYLOR, H.T. (Weddle '86) (First Prize x Swarthmore). DP (dp), 35 petals. Archibald (1 pl 2 yrs 3', Sask): Large double bloom, high centred exhibition form, excellent substance - strikes me as an excellent dark pink rose. Tall vigourous grower, reddish foliage, no disease, hardiness good to excellent. Cochran (1 pl 2 yr 5 1\2', CA): Luscious deep pink colour weathered the wet fog pretty well. Very high centred exhibition form, good substance. One fault - at times white streaking on blooms. Dark green semi-glossy foliage, no disease so far. Duskin (2 pls 2 yrs 4 1\2', OR): Classic high centred form that just won't open here. Oh woe!! How could a person throw out Elizabeth Taylor - she's being adopted out to Washington State this fall. Terrible substance here, mildews badly. Hopkins (1 pl 1 yr 4', Ont): Large, high centred exhibition form bloom, good substance - very pleased with first year plant. Lovely blooms with one small fault - white petal streaks in many blooms. Dark green foliage, slight mildew. Kopecky (2 pls 2 yrs 3'6", NE): Excellent high centred exhibition form, very good substance. Like its namesake, this is a very showy rose - just a tad better than First Prize - a very welcome addition to any garden. No disease, hardiness very good. Lacroix (1 pl 1 yr 3', Que): Very large, high centred bloom, outstanding form and substance. Never thought that twig would live but it did! Good production, should be a winner. No disease. Looks like its parents (Swarthmore and First Prize) but a better all round rose. Smallenberg (2 pl 2 yrs 5', B.C.): Beautiful rich pink with softer pink inside, classic H.T. form, very good substance, long lasting both cut and on bush. Disappointed in its proneness to mildew - will require weekly spraying - very attractive otherwise. Very vigourous grower, dark green foliage.

ELMHURST, H.T. (A. Perry '85) (Granada x Helmut Schmidt). YB (yb), 35 petals. Brown (1 pl 1 yr 3', B.C.): Large double bloom, exhibition form, good substance - has good possibilities both for garden and exhibiting. Upright grower, medium green foliage, no disease. Hopkins (1 pl 1 yr 3', Ont): Large bloom, exhibition form, good substance -nice first year rose. Bushy grower, dark green foliage, some blackspot.

EPIDOR, H.T. (Delbard '81). No reports. (Last year for reporting this rose).

ESMERALDA (KEEPSAKE), H.T. (Kordes '81) (Seedling x Red Planet). PB (pb), deep pink blended with lighter pink shades, 32 petals. Baillie (1 pl 3 yrs 2', Ont): H.T. form, good substance but smallish in my garden. This rose is a disappointment to me - saw it win Best of Show in Pittsburgh but does nothing for me. Some blackspot. Coulter (1 pl 1 yr, Alta): Lovely colour, double bloom, exhibition form, good substance. Was a bit disappointed with bloom - not too many. May do better next year. Growth was vigourous but more spread out than up, no disease. Fawcett (3 pls 3 yrs 2 1\2', Ont): Full bloom, exhibition form, good substance, opens slowly and holds well in hot weather. First blooms are very slow in June - unable to show in June rose shows, however it adds to the garden. Vigourous upright grower with strong stems, no disease, very hardy. Heaslip (3 pls 3 yrs 5', B.C.): Very large double bloom, exhibition form, heavy substance, singles and some sprays, long strong stems - it's beautiful. Blue ribbons and twice 'Best Bloom' of Show. Bushy grower, no disease. Hopkins (2 pls 4 yrs 4 1\2', Ont): Large double bloom, exhibition form, excellent substance - a top exhibition rose and lovely in garden. Disease resistant, hardy. Kirkland (1 pl 4 yrs, Ont): Very beautiful bloom but does not do well in late summer and fall. Exhibition form, good substance - a keeper for sure. Kopecky (3 pls 2 yrs 4', NE): High centred exhibition form bloom, very good substance - another very good pink rose that can be used in many ways - exhibition, arranging, and a good garden show. Some blackspot, hardiness very good. Mathieson (4 pls 3 yrs 7', B.C.): Exhibition form, very large petals spoiled by rain, doesn't repeat as much as I would like - otherwise it is almost perfect. Very vigourous grower, no disease. Mychaluk (1 pl 1 yr, tall, Alta): Can be exhibition, good substance, in singles and clusters, bloom trailed off towards end of summer but it's a good strong rose. Some blackspot. Shewchuk (2 pls 1 yr 2 1\2', Alta): 6" bloom, well shaped high centred exhibition form, good substance, fragrant, good repeat. No disease. Will increase if it winters well. Yeomans (2 pls 2 yrs 3-4', B.C.): Produces gorgeous flowers, average grower, healthy with spraying. (Last year for reporting this rose).

EVA GABOR (SENTIMENTAL), H.T. (Poulsen '83) (Unnamed Seedling x Unnamed Seedling). DP (dp), 40 petals. Baillie (1 pl 4 yrs 5 1\2', Ont):

Smallish blooms on long stems, could be exhibition, good substance, non-fading, some fragrance. I find this an elegant rose - magnificent in the fall. Perhaps it should be a grandiflora. Very tall grower, good dark green foliage, no disease, hardy. Eyvindson (1 pl 3 yrs 7', Man): Large bud and open bloom, good substance, attractive colour but a shy bloomer. Good for cutting. Grows like a climbing sport - I can't believe the height of the new basal shoots. No disease, hardy. Johnson (1 pl 4 yrs 5'4", Que): Lots of bush but few blooms, one blind shoot at 7', unattractive pink colour. No disease, hardiness OK.

FELICITY KENDAL, H.T. (Bees\Sealand '85) (Fragrant Cloud x Mildred Reynolds). OB (ob), salmon-orange, 35 petals. Brown (1 pl 1 yr 2 1\2', B.C.): Large double exhibition form bloom, good substance - looks like a possible winner so far. Bushy upright growth habit, medium green foliage, no disease. Hopkins (1 pl 1 yr 3', Ont): Colour is outstanding, small very well formed blooms, high centres, excellent substance. No disease. Jubien (1 pl 1 yr 30", Que): Semi-double bloom, decorative form, good substance, quite floriferous, no disease. Feel I must wait another year before passing judgement - have only 1 rose to judge from.

FREEDOM, H.T. (Dickson '84) [(Eurorose x Typhoon) x Bright Smile]. DY (dy), chrome yellow, 35 petals. Blyth (2 pls 1 yr 3', Ont): Early bloom is well formed but flattens out before petals fall, good substance. What I like about this rose is its vibrant yellow colour - doesn't fade. Good growth habit, healthy foliage. Mathieson (2 pls 2 yrs 3-4', B.C.): Small, decorative form bloom, good substance, good repeat, cluster flowered. Do not know why this is called a HT - it makes a good garden floribunda - perhaps the wrong bush was sent to me. Modern Roses 9 calls it an exhibition H.T. - I don't think so.

FROHSINN '82 (TANSINNROH in U.S.), H.T. (Tantau '84). AB (ab), apricot and orange blend, 35 petals. Brown (1 pl 3 yrs 3', B.C.): Large, double, exhibition form bloom, excellent substance - a good all round rose with a very distinctive colour. Tall bushy grower, dark green foliage, no disease. Cochran (3 pls 5 yrs 6', CA): 5-6" blooms with super form, heavy texture, borne with several buds and one per stem, sweet fruity spicy fragrance, floriferous - keeps me disbudding daily - one of my favourites. Warm weather produces better roses, no disease. Heaslip (2 pls 3 yrs 5', B.C.): Apricot/peach/orange blend with a touch of silvery glow, large bloom, exhibition form, heavy substance - a blue ribbon winner. Disease resistant. Mathieson (1 pl 3 yrs 6', B.C.): Apricot/pink/orange blend - quite attractive colour but slight rain spoilage. Large double bloom, exhibition form, good substance, only slightly fragrant. Slight mildew. Mychaluk (1 pl 1 yr, tall, Alta): Gorgeous colour which fades very slowly, exhibition form, excellent substance, light fragrance, slow to repeat. Although stingy with blooms,

when they come they are beautiful. Some blackspot but location and record rainfall might be to blame.

FUNKUHR (GOLDEN SUMMERS), H.T. (Kordes '84) (Unnamed Seedling x Unnamed Seedling). YB (yb), yellow/petals edged medium red, 35 petals. Archibald (1 pl 1 yr 16", Sask): Double to semi-double bloom, 5 1\2", exhibition form but rather loose, excellent substance, small clusters - an extremely beautiful blend of yellow and red with nice texture. Low bushy plant with short stems, dark green foliage, no disease. Duskin (2 pls 3 yrs 3', OR): Very large bloom, loose form, opens too fast for exhibition, good substance, good repeat. Great for a spot of colour - very healthy.

FYVIE CASTLE, H.T. (Cocker '85) [(Sunblest x (Sabine x Dr. A.J. Verhage)) x Silver Jubilee]. PB (pb), light apricot/amber/pink blend, 35 petals. Duskin (1 pl 2 yrs 3', OR): Large high centred exhibition form bloom but opens flat, very good substance, adequate number of blooms, mostly on single stems, colour really nice in arrangements. Upright full growth habit, shiny light green foliage, no disease - foliage shows Silver Jubilee parentage.

GIVENCHY (PARIS PINK), H.T. (Christensen '85) (Gingersnap x Double Delight). (rb), pink blushed red, reverse pink, yellow base, 30 petals. Lacroix (1 pl 1 yr 3', Que): Beautiful urn shaped bud, excellent form and substance, some fading, very strong spicy fragrance, first rose to bloom this year and a real bloom manufacturer. Sprawling grower, no disease. Rodgers (10 pls 2 yrs 8', KY): Unusual colour blend with tan, yellow and lavender. Singles but also many clusters in hotter climate, better in cool weather. Stunning exhibition form, excellent substance, excellent disease resistance.

GOLDEN JUBILEE (COCAGOLD), H.T. (Cocker '81) (Peer Gynt x Gay Gordens). MY (my), 29 petals. Shewchuk (2 pls 4 yrs 2 1\2', Alta): 4 1\2" bloom, exhibition form, good substance, slight fragrance - a very attractive rose in the garden. A neat bush, glossy medium green foliage, no disease, hardy with my method of winter protection. (Last year for reporting this rose).

GOLDIE, H.T. (McGredy '88) (Unnamed Seedling x Golden Gate). (my). Brown (1 pl 1 yr 3', B.C.): Double bloom, exhibition form, good substance, pale yellow colour fades to white. Impressed with lst year growth and blooms. In trusses but each bloom is exhibition quality - shows great promise. Upright bushy grower, light green foliage, no disease. Eyvindson (1 pl 1 yr 18", Man): A good yellow despite heat. Exhibition bud, opens well, attractive bloom, good substance. Healthy thick leaves, no disease. Schultz (1 pl 1 yr 26", Alta): Nice colour and holds colour and petals well, good form and substance. Slow coming on first year but I liked what little

bloom I had. No disease. Shewchuk (2 pls 1 yr 3 1\2', Alta): 4" bloom, HT type, comes in clusters, stands rain very well, very good repeat - always in bloom. A showy garden rose. Large dark glossy foliage, no disease.

GOLDSTAR (CANDIDE)(POINT DU JOUR), H.T. (Cants '83, intr. '84) (Yellow Pages and Dr. A.J. Verhage). DY (dy), 35 petals. Flood (2 pls 4 yrs 5 1\2', Ont): Small H.T. blooms on upright stems, great substance, fast to repeat, early to bloom in June - not for the Show Table but a flower arranger's dream. Upright even grower, excellent well-spaced foliage, no disease, hardiness excellent.

GRACELAND, H.T. (Warriner '88, intr. '89). (my), yellow/pink touches, ruffled petals, low petal count, J&P Rose of the Year for 1989. Rodgers (3 pls 2 yrs, tall, KY): Nice yellow rose with pink or red tints, benefits from cooler weather because of low petal count, fair substance, can have good form but mainly a garden rose. Good production. Vigourous grower, dark green foliage, no disease.

GUY LAROCHE (GORGEOUS GEORGE), H.T. (Delbard '85 - Reg'd as Chateau de Versailles) [Unnamed Seedling x (Michelle Meilland x Cala)]. RB (rb), brilliant red/white reverse, 30 petals. Rodgers (10 pls 2 yrs., tall, KY): Brilliant fire engine red with heavy white reverse in hot weather, exhibition form, can produce Show blooms with regularity, good substance, Bushy grower, dark green foliage, no disease.

HARMONIE, H.T. (Kordes '81) (Fragrant Cloud x Uwe Seeler). OB (ob), deep salmon, 20 petals. Blyth (2 pls 5 yrs 5-6', Ont): Urn shaped bloom, excellent high centred form, very good substance, blooms borne on long stems - I like it. Very tall grower, no disease, very hardy. Hopkins (1 pl 4 yrs 4', Ont): Medium size urn shaped blooms, exhibition form but needs disbudding, excellent substance. Disease resistant, hardy. Kopecky (4 pls 3-4 yrs 4', NE): Large high centred bloom, sometimes exhibition, repeats quickly and requires minimal care - an excellent rose for me. No disease noted, hardiness is excellent. (Last year for reporting this rose).

HEADLINER, H.T. (Warriner '85) (Love x Color Magic). PB (pb), petals pink blending to deep pink on edges, 40 petals, J&P Rose of the Year 1986. Brown (3 pls 3 yrs 5', B.C.): Excellent exhibition form, every flower a perfect centre. Considerable colour variation depending on weather, good substance. Upright grower, glossy medium green foliage, slight mildew. Decker (1 pl 3 yrs, tall, AK): Bloom is nice but decorative form rather than exhibition, does get some weak necks, balls in cool wet weather. Mildews. Ings (2 pls 1 yr 30", PEI): Large double bloom, lovely colour, exhibition form, good substance, winner in 1988 Show - have ordered 2 more. No disease. Johnson (1 pl 1 yr 45", Que): Exhibition form, good substance but unfair to assess this rose - blackspot out of control. Something went wrong -

either me or the weather. King (5 pls 3 yrs 4', TX): Excellent form and substance, holds really well. Mine was better than Double Delight. Excellent for garden or Show, especially 'Challenge Classes', 3 or 5 of one kind. Some mildew. Lacroix (1 pl 1 yr 4', Que): Extra large bloom, very good centres but balls sometimes in cool weather, occasional weak necks. Good substance, colour washes out as bloom matures, mostly one to a stem but some clustering late in season, always in bloom. Some mildew. Rodgers (10 pls 5 yrs, tall, KY): Perfect exhibition form with highly reflexed petals, tremendous substance, colour of Double Delight, sometimes in clusters, can last for days, loads of bloom. Excellent disease resistance. Shewchuk (1 pl 3 yrs 2 1\2', Alta): 4 1\2" bloom, salmon pink and white blend, outer petals turn red with age, exhibition form, good substance, slight fragrance - would like to see better bloom repeat. No disease, hardy with my method of winter protection.

HEIDI JAYNE, H.T. (Esser '86) [Piccadilly x Queen Elizabeth x (Fragrant Cloud and Unnamed Seedling)]. DP (dp), bright deep pink, 32 petals. Flood (3 pls 1 yr 3', Ont): Large beautifully formed blooms, clear colour, some fragrance, great substance. Looking for exhibition blooms next year, very promising. Upright grower, great foliage, no disease. Mathieson (1 pl 1 yr 3', B.C.): Double, well formed, urn shaped bloom, exhibition type, good substance, fragrant. A good discovery - in short supply. No disease.

HEIDI KABEL (HOLSTEINPERLE), H.T. (Kordes '88, intr. '87). DP (dp). Cochran (2 pls 1 yr 4-5 1\2', CA): Listed as dp but more deep o-r in my garden. Large globular buds open slowly with tight spiralled centres and notched petal edges, good substance, borne one and several to a stem, excellent as cut rose, holds form well. Upright branching growth habit, leathery dark green foliage, no disease so far.

INGRID BERGMAN, H.T. (Poulsen '83) (Precious Platinum x Seedling). DR (dr), 30 petals. Archibald (1 pl 3 yrs 42", Sask): 5 1\2" double bloom, high centred exhibition form, excellent substance. This is by far the best red this year, almost always in bloom. Tall vigourous grower, large shiny foliage, a little blackspot, hardiness is excellent. Brown (2 pls 2 yrs 5', B.C.): Large double bloom, some exhibition form, good substance - thick petals, a nice velvety red. Vigourous upright grower, dark semi-glossy foliage, no disease. Coulter (1 pl 2 yrs. Alta): Lovely exhibition form bloom, excellent substance, long lasting, fragrant. Was not impressed first year but 2nd year much better - now a very strong healthy bush with good basal breaks. No disease. Flood (2 pls 3 yrs 4', Ont): Excellent dark red bloom, great substance, freely produced, not much fragrance. Upright vigourous growth habit, no disease, hardiness good. Hopkins (1 pl 3 yrs 3', Ont): Large double blooms, garden form, good substance, inconsistent - a few blooms outstanding, slow repeater. Disease resistant, hardy. Kirkland (1 pl 1 yr, Ont): Good form and

substance, good strong grower. Could have potential for Show Table. Mathieson (2 pls 3 yrs 4', B.C.): Some exhibition blooms but mostly decorative, some confused centres, great substance, fairly fragrant, quite attractive. No disease. Shewchuk (2 pls 3 yrs 2 1\2', Alta): 5" exhibition form bloom, good substance, slight fragrance, good repeat - one of my better roses. No disease, hardy with my method of winter protection. Spencer (2 pls 3 yrs 36-50", Ont): Very full bloom, large velvety petals, good substance, fragrant. Has shown good production on large strong stems - I rate it a 'good plus' bedding rose. Very healthy, hardiness is great. Yeomans (1 pl 2 yrs 3', B.C.): Nice bushy plant, good producer, healthy - a good red.

INK SPOTS, H.T. (O.L. Weeks '85) (Unnamed Seedling x Unnamed Seedling). (dr), 35 petals. Spencer (1 pl 1 yrs 35-45", Ont): Large full blooms, good form, fair to good substance, fragrant. First year in my garden, young root - will follow up next year. Good to average foliage, no disease as of November.

INNOXA FEMILLE, H.T. (Harkness '83, intr. '82) (Red Planet x Eroica). (dr), 50 petals. Balcom (2 pls 1 yr, medium tall, Ont): Urn shaped bloom, good substance, not very productive this year. Not the rose I had hoped for - will file under 'g' - next year. Bushy grower, dark green foliage, no disease.

JACAKOR (JACARANDA), H.T. (Kordes '85) [(Mercedes x Emily Post) x Unnamed Seedling]. MP (mp), mauve-pink, 35 petals. Brown (1 pl 1 yr 2 1\2', B.C.): Exhibition form, good substance, flowers small so far but could improve - will give it another year. Bushy growth habit, medium green foliage, no disease. Eyvindson (1 pl 1 yr, Man): Another plant with little growth and no blooms due to extremely dry hot summer - will report next year if it winters.

JENNIFER HART, H.T. (Swim & Christensen '82) (Pink Parfait x Yuletide). DR (dr), 45 petals. King (3 pls 3 yrs 5', TX): Double bloom, 'unorganized' form, poor substance, not a good garden rose or Show Rose but could win 'Queen'. Tall grower, mildews.

JOHNNIE WALKER, H.T. (Fryer's '82). No reports.

KANA, H.T. (Kaichiro Ota '82). No reports.

KIMBERLEY ANNE, H.T. (F. David Evans '83). No reports.

KONIGIN BEATRIX (QUEEN BEATRIX), H.T. (Kordes '83) (Seedling x Patricia). OB (ob), 35 petals. Archibald (1 pl 2 yrs 32", Sask): Between

orange and salmon in colour but always seems to have a browning at petal edges. 4 1\2" decorative form bloom, very double, fair to good substance, blooms in clusters. Excellent rose with continuous bloom. Vigourous grower, no disease, hardiness is good. Balcom (1 pl 3 yrs, Ont): Double bloom, urn shaped form, good substance. Mediocre best describes the growth habit but it is a beautiful rose, especially in cooler weather (which Ontario didn't get in 1988). Bouwman (2 pls 3 yrs 3 1\2', Alta): Orange, somewhat blended. It's slow coming up in the spring. Exhibition form, good substance. Queen of Holland, my former homeland. More and more of our Calgary Rose Society start with this type because it is so worthwhile. Strong grower, no disease, winter hardy. Brown (1 pl 3 yrs 3', B.C.): Double bloom, globular form, good substance but not impressed after 3 years - will get rid of it. Heaslip (1 pl 4 yrs 5', B.C.): Colour is ugly early in season, late season form and colour are very good. Split centres early, classic form later, very good substance, strong fragrance. Some mildew. Lougheed (1 pl 2 yrs 3 1\2', Ont): Rather small bloom but strong stemmed, exhibition form, excellent substance, borne singly and in clusters. A very lovely rose with a fruity fragrance not to be forgotten. Very disease resistant, hardy. Kopecky (1 pl 2 yrs 4-6', NE): Good rose for the garden but will not make it on Show table - gives me enough bloom to warrant keeping it. No disease, hardiness excellent. Schultz (1 pl 1 yr 20", Alta): Large bloom, tight exhibition form, good substance, holds form as cut bloom, in garden the colour changes daily, fragrant. Everyone enjoys this one. No disease.

KONRAD HENKEL (AVENUE'S RED), H.T. (Kordes '83) (Seedling x Red Planet). MR (mr), 35 petals. Balcom (1 pl 2 yrs 3+', Ont): Dark velvety red bloom, high centred exhibition form, good substance, a real pleasure in my garden - would recommend it. No disease, hardiness excellent. Blyth (2 pls 2 yrs 3', Ont): Velvety red blooms, excellent exhibition form, very good substance, lasts well on the bush and when cut - should be a great Show rose. Strong grower, healthy dark green foliage, hardiness is good. Brown (1 pl 3 yrs 3 1\2', B.C.): Double bloom, medium exhibition form, good substance - just another red with no exceptional features. No disease. Cochran (3 pls 4 yrs 5', CA): Beautiful pointed buds open very slowly to exhibition form blooms, excellent substance, last for days. One of the best reds for our climate - wins many top awards. Disease resistant. Fawcett (3 pls 2 yrs 4 1\2', Ont): Exhibition form, good substance, one rose to a long straight stem - very pleased with this one, will add more. Strong healthy grower, winters well. Heaslip (1 pl 3 yrs 4', B.C.): Good form and substance, refrigerates well. Bushy growth habit, some mildew. Hopkins (1 pl 3 yrs 4', Ont): Medium size bloom, high centred exhibition form, excellent substance, nice fragrance, long stems, excellent cut flowers - very attractive. Disease resistant. Kopecky (1 pl 2 yrs 3-6', NE): High centred exhibition form, very good substance. Konrad showed his stuff this

year - could be one of my better reds. No disease, hardiness very good. Lacroix (2 pls 2 yrs 4', Que): Exhibition form and substance, good size bloom, doesn't fade and lasts a long time, sweet fragrance. No disease, hardiness good. Yeomans (1 pl 5 yrs 5', B.C.): Good producer, bushy plant, but it blackspots even with conscientious spraying.

KORHANBU (BELAMI), H.T. (Kordes '85). No reports.

KORLINGO (KARDINAL), H.T. (Kordes '85) (Unnamed Seedling x Flamingo). MR (mr), 35 petals. Brown (1 pl 2 yrs 2 1\2', B.C.): Small exhibition form bloom, good substance, good repeat but not impressed so far. Have seen good plant in another yard, bushy grower, dark green foliage, no disease. Heaslip (1 pl 1 yr 3', B.C.): Small bloom, perfect classic form, good substance - like this rose so well I have ordered more. Disease resistant. Kirkland (1 pl 2 yrs 5', Ont): Very high centred exhibition form, excellent substance, the best medium red rose so far - won 1st and 2nd for reds. Highly recommended. No disease. Mathieson (2 pls 2 yrs 4', B.C.): Exhibition form but may be too small - size varies considerably, excellent substance, fragrant. No disease.

LADY MARINE, H.T. (DeLashmutt '81). No reports. (Last year for reporting this rose).

LANVIN, H.T. (Christensen '85) (Unnamed Seedling x Katherine Loker). MY (my), 30 petals. King (4 pls 1 yr, medium tall, TX): No yellow will compare with this one - have waited many years for it - go buy a winner. Beautiful form, one to a stem. No disease. Lacroix (1 pl 1 yr 3', Que): Best exhibition yellow in my garden, high centres, outstanding substance, lasts very well, wish it were more productive. Will order more. No disease. Rodgers (10 pls 3 yrs, tall, KY): Top yellow rose along with Celebrity, exhibition form, excellent substance. Stunning in all stages - fine rose to exhibit in 3 stages class. Disease resistance excellent.

LAS VEGAS, H.T. (Kordes '81) (Ludwigshafen am Rhein x Feuerzauber). OB (ob), deep orange/reverse lighter, 25-30 petals. Balcom (2 pls 3 yrs, tall, Ont): Orange yellow bud to real orange bloom/yellow reverse, cupped form, excellent substance, a few weak necks but a real bright spot in my garden. Disease resistant. Heaslip (2 pls 4 yrs 5', B.C.): Bright fluorescent orange/gold reverse, beautiful buds, small classic shape blooms. They blow too quickly for Show but even the full blown stage keeps well. Some singles and some clusters. No disease. Hopkins (1 pl 4 yrs 4', Ont): Very large double blooms, garden form, good substance, lovely colour. Disease resistant, hardy. Kopecky (2 pls 2 yrs 3', NE): High centred exhibition form, good substance, one of the better orange-reds - can be shown but blooms sometimes lopsided. Some blackspot, hardiness very good. Spencer

(2 pls 3 yrs 36-45", Ont): Striking salmon orange colour, fair form and substance but weak necks so blooms fall over. (Last year for reporting this rose).

LEIGH-LO, H.T. (Harkness '81) (Elizabeth Harkness x Red Devil). MP (mp), rose-bengal, 42 petals. Flood (3 pls 4 yrs 3', Ont): Very large blooms last well either cut or on bush, liked the heat this year. Exhibition form, great substance. Upright grower, great foliage, no disease, very hardy. Mathieson (1 pl 3 yrs 5', B.C.): Very double bloom, exhibition form but weak substance. Not good for this climate, balls and spots in dew or rain - would be OK in a desert. Mild mildew. (Last year for reporting this rose).

LEWISTON, H.T. (A. Perry '82) (Red Lion x King's Ransom). (my), 40 petals. Brown (1 pl 1 yr 2 1\2', B.C.): Large bloom, high centred exhibition form, good substance, fragrant - could be a good one. Upright grower, medium green glossy foliage, no disease.

LIMELIGHT (GOLDEN MEDALLION), H.T. (Kordes '84) (Peach Melba x Seedling). MY (my), 35 petals. Armstrong (1 pl 1 yr 3 ', N.S.): Bright yellow, very good substance, profuse bloomer, like a grandiflora. Healthy foliage. Best of my first year roses. Brown (1 pl 2 yrs 4', B.C.): Exhibition form, good substance, grows in clusters - must be disbudded for exhibition - a good yellow. No disease.

LINCOLN CATHEDRAL, H.T. (G.W.T. Langdale '85) (Silver Jubilee x Royal Dane). OB (ob), outer petals pink, inner ones orange/ yellow reverse, 28 petals. Cochran (2 pls 2 yrs 4', CA): Beautiful form with high centres, good substance, floriferous, opens too fast in hot weather but better when it's cool. I love the colour and plant habit. No disease so far. Flood (4 pls 1 yr 3 1\2', Ont): Well formed exhibition bloom, great substance, repeats well, blooms hold their shape for days, colour is fascinating! Looking for great things from this rose next year. Beautiful reddish foliage, no disease.

L'OREAL TROPHY, H.T. (Harkness '81, intr. '82) (Sport of Alexander). OB (ob). Flood (3 pls 4 yrs 4', Ont): Small well formed blooms, great substance, lasts well as a cut flower. I love the luminous orange-salmon colour. Tall upright growth habit, abundant foliage, spider mite, hardiness excellent. (Last year for reporting this rose).

LOVELY LADY (DICKSON'S JUBILEE), H.T. (Dickson '86) [Silver Jubilee x (Eurorose x Anabell)]. (mp), 35 petals. Cochran (2 pls 3 yrs 4', CA): Very large buds and blooms, really catch one's eye but they open a little fast and must be cut early to exhibit, good substance, fragrant. Bushy branching grower with long stems, glossy foliage, slight mildew. Mathieson (2 pls 2 yrs 2', B.C.): Large double bloom, cupped form, good substance,

most attractive and very fragrant. Wish it were more vigourous but may need more time.

LOVING MEMORY (BURGUND '81), H.T. (Kordes '81) (Seedling x Red Planet). MR (mr), 40 petals. Balcom (2 pls 4 yrs, tall, Ont): Excellent exhibition rose - one of the best red roses of the 1980's, excellent substance. Upright grower, disease resistant. Coulter (2 pls 1-7, 1-1 yr 3', Alta): Exhibition form bloom, excellent substance, lots of bloom, good repeat, stands up well on Show bench. Good basal shoots, winters well with protection. Heaslip (2 pls 3 yrs 4', B.C.): Medium red - should be classed dark red. Double bloom, perfect star-shaped exhibition form. Twice, 'Best Bloom' award. Heavy substance, lasts and lasts on bush or as cut flower. No disease. Mathieson (4 pls 3 yrs 5', B.C.): Exhibition form, good substance - best in mild/warm weather but 'bull-nosed' when very hot. May be the best red H.T. available. Moderate fragrance, some mildew. Shewchuk (2 pls 3 yrs 3', Alta): Long pointed bud, 4-4 1\2" bloom, exhibition form, good substance, fragrant, always in bloom. This is one of my most reliable and productive roses. No disease, hardy with my method of winter protection. Yeomans (2 pls 4 yrs 6', B.C.): Exhibition blooms on vigourous plants, good production, blackspots if not sprayed. The best exhibition red! (Last year for reporting this rose).

MACPONUI (REBEKAY)(PINKY in U.S.only), H.T. (McGredy '85) (Freude x Typhoo Tea). PB (pb), dark salmon pink. Brown (1 pl 1 yr 2 1\2', B.C.): Urn shaped double bloom, good substance, not vigourous so far but nice colour and form - will wait until 1989. Bushy grower, medium green disease free foliage.

MADAME VIOLET, H.T. (K. Teranishi, Japan '85, intr. '81). M (m), lavender, 45 petals. Cochran (2 pls 2 yrs 5-6', CA): Lavender-lilac with pink shadings on petal edges - a plus. Super exhibition form, must be disbudded regularly for exhibition then it's a top winner. 1 and 3-4 on very long stems. Upright branching grower, grayish glossy foliage, no disease with spray programme. Heaslip (3 pls 1 yr 6', B.C.): Perfect spiral shape exhibition form, very thick substance, petals sometimes streaked white, small but classic shaped bloom, needs disbudding for exhibition otherwise lots of sprays. Good repeat. Slight mildew. Lacroix (1 pl 1 yr 2'6", Que): Excellent high centred exhibition rose - a darker version of Lady X. Runt of a bush, some weak necks.

MADRAS, H.T. (Warriner '81). No reports. (Last year for reporting this rose).

MAESTRO, H.T. (McGredy '81). RB (rb), medium red painted white/reverse lighter red and white, 28 petals. Stanton (1 pl 1 yr 2'6", Ont):

Long bud, exhibition bloom, substance good, not very floriferous - still too new to make a fair judgement. Drought and heat this year made bloom abnormal. Short compact bush, large light green abundant foliage, disease resistant. (Last year for reporting this rose).

MAID OF HONOR, H.T. (Weddle '84) (Folklore x Unnamed Seedling). YB (yb), light yellow/pink centre, 40+ petals. Baillie (1 pl 2 yrs 5', Ont): Excellent decorative rose, yellow blend but throws a pink sport in my bed. Good H.T. form and substance. A great rose, particularly in the fall, Disease free. Blyth (1 pl 1 yr 5', Ont): Large urn shaped bloom, exhibition form, good substance. This rose has a tremendous growth habit and produces many excellent blooms on long strong stems. Healthy dark green foliage, very hardy. Hopkins (1 pl 3 yrs 6', Ont): Small, high centred exhibition form bloom, needs disbudding, good substance, loaded with blooms, only slight fragrance, short stems. Disease resistant, hardy. Kopecky (1 pl 2 yrs 4', NE): Not exhibition form but very good substance. This rose like all my Canadian roses showed its real worth the second summer. Think it will be an excellent garden rose for me. No disease, hardiness is excellent. Lacroix (1 pl 1 yr 5', Que): Beautiful light apricot - not yellow at all, excellent exhibition rose when 1\2 open then by magic all quartered centres, very good substance, some fragrance. No disease.

MAY LYON, H.T. (Cocker '83) [(Anne Cocker x Arthur Bell) (National Trust x Silver Jubilee)]. MP (mp), 35 petals. Brown (1 pl 1 yr 3 1\2', B.C.): Exhibition form, good substance but it has the Ena Harkness habit of a weak neck and hangs its head, otherwise nice colour and form with healthy foliage. Shewchuk (2 pls 4 yrs 2 1\2', Alta): Double 4 1\2" bloom, exhibition form, good substance, stands up well in rain, good repeat, but bloom has the habit of drooping slightly. No disease, hardy with my method of winter protection.

MIKADO, H.T. (Seizo Suzuki '87) (Fragrant Cloud x Kagayaki). RB (rb), red/scarlet/orange, AARS '88. Baillie (1 pl 1 yr 2', Ont): New bush this spring - not a big rose but very nice form, not too floriferous this year, good substance, upright grower, disease free. Decker (1 pl 1 yr, short, AK): Poor form, confused centres, small bloom, little fragrance. Reminiscent of Mon Cheri (which I did not like) - may have a weak plant, will try again. Duskin (2 pls 1 yr 4', OR): Very large full round bloom, can be exhibition, good substance, comes regularly throughout season. This rose has everything going for it except 'interest' - causes little excitement, easily forgotten by visitors. Very vigourous grower, thick large dark foliage, no disease. Freeman (1 pl 1 yr 3', Ont): Bright red with subtle shadings of yellow and deep coral pink, gorgeous bud, beautiful form, terrific substance - for a first year plant in this summer's heat it was very impressive - expecting great things next year. McKenzie (3 pls 1 yr 2 1\2', Ont): 4-5" fully double

bloom, exhibition and decorative form, excellent substance, light scent but pleasing. I like to (and do) proudly show off this rose to my friends. Many basal breaks, disease resistance excellent. McLean (1 pl 1 yr, B.C.): Flowered mid to late season - has been discarded due to blackspot. Mychaluk (1 pl 1 yr, low, Alta): A gorgeous blend, classic exhibition form, good substance, one to a stem, rather sparse bloomer but feel it will be better next year. One of the best AARS winners in years. No disease. Rodgers (15 pls 1 yr, medium, KY): Highly unusual colour well matched by shiny foliage. Takes heat well without fading, a good rose for garden, and will produce some Queens. Blackspots if not sprayed regularly. Schultz (1 pl 1 yr 24" Alta): New bush, very slow at first then took off when we had wet weather in August. Good form but some confused centres, good substance, better repeat in fall, no disease. Stanton (1 pl 1 yr 2 1\2', Ont): Exhibition form, good substance, has a lovely oriental silk look but drought and heat made bloom abnormal so hard to judge. Mostly singles, fairly floriferous, disease resistant. Wade (1 pl 1 yr 3', Ont): Exhibition form, long lasting, very similar to Granada but not as robust - prefer to recommend Granada to anyone wanting a red-yellow blend.

MILESTONE, H.T. (Warriner '85) (Sunfire x Spellbinder). RB (rb), 40+ petals. Kopecky (2 pls 3 yrs 3'6", NE): A sleeper - this rose produces quality bloom, with high centred exhibition form, constantly. Outstanding colour, large size - a very good addition to my garden. Bushy spreading growth habit, no disease, hardiness very good. Shewchuk (1 pl 4 yrs 2'6", Alta): Coral pink lightening to near white in centre, then changing to dark red when fully open - an eye catcher in the garden. 4-5" double bloom on long stems, beautiful cup form, good substance, long lasting on bush and as cut flower, slight fragrance, good repeat - I like this one. No disease, hardy with my method of winter protection.

MODERN ART (PRINCE OF MONACO), H.T. (M & P Olesen '83) (Unnamed Seedling x Unnamed Seedling). RB (rb), medium red/dark red petal edges/reverse lighter, 25 petals. Baillie (1 pl 3 yrs 3', Ont): Shows hand-painted form, especially in the fall, good form and substance. An excellent rose, colour is great - unfortunately the hot weather makes it very short lived, great in fall. Upright and tall growth habit, some blackspot.

MON CHERI, H.T. (Christensen '81) [(White Satin x Bewitched) x Double Delight]. RB (rb), medium pink suffusing to near yellow at base, aging to dark red, 38 petals. Hopkins (1 pl 5 yrs 3 1\2', Ont): Garden form, good substance, colour changes with aging, prolific, fragrant. Disease resistant, hardy. (Last year for reporting this rose).

MOONDROPS, H.T. (Delforge, intr. '85, not reg'd). M (m). Cochran (2 pls 2 yrs 4-5', CA): Beautiful pink-lavender colour with no blue tones, tight

spiralled centres open with rounded petals, slightly notched, good substance, long stems, lightly fragrant, performed well - will keep it. Upright branching growth habit, no disease so far.

NEVILLE GIBSON, H.T. (Harkness '83) [Red Planet x (Carina x Pascali)]. MP (mp), 40 petals. Brown (3 pls 2 yrs 2'6", B.C.): Large exhibition form bloom, fair substance, fragrant. Have had some outstanding blooms, however, plants are not very vigourous and somewhat spindly so far. Short bushy growth habit, medium green foliage, no disease.

NIAGARA PRIDE, H.T. (Pallek, intr. '82, not reg'd). OB (ob). Brown (1 pl 2 yrs 5', B.C.): Exhibition form, excellent substance - excellent all round rose that doesn't receive enough attention. Tall bushy grower, matt green foliage, no disease.

NOBILO'S CHARDONNAY, H.T. (McGredy '84) [Freude x (Wienerwald x Benson & Hedges Gold)]. MY (my), orange yellow, 35 petals. Duskin (1 pl 2 yrs 3'6", OR): Very large full petalled bloom, high centred exhibition form, excellent substance - a pleasant surprise - increasing number this fall. Sprawling vigourous growth habit, very large, dark, shiny foliage, no disease.

OLDCASTLE, H.T. (Walter Lemire Roses '85) (Queen Elizabeth x Charlotte Armstrong). MP (mp), 55 petals. Exhibition form, strong substance, lasts very well on plant but bloom holds too long, repeats well. Upright grower, dark shiny foliage, no disease, hardiness very good.

OLYMPIAD, H.T. (McGredy '84) (Red Planet x Pharaoh). MR (mr), brilliant medium red, 35 petals, AARS '84. Armstrong (1 pl 1 yr 4', Sask): Medium size bloom, elegant exhibition form, good substance. Planted before drought but did very well. Upright grower, dark green foliage, no disease. Balcom (5 pls 5 yrs, tall, Ont): Rich glowing colour, classic H.T. form, singly and in clusters, repeats well, prune hard. A real crowd pleaser, good rose for garden or Show table. No mildew, hardiness excellent. Blyth (2 pls 5 yrs 4', Ont): Beautiful high centred exhibition type blooms, good substance. I like this rose for its beautiful bloom but its unhealthy foliage plus extra care needed re blackspot and winter protection discourages me. Brown (3 pls 3 yrs 3', B.C.): Exhibition form, good substance, reliable quick repeat. Flowers not large but have good form. No disease. Fawcett (1 pl 4 yrs 4', Ont): Exhibition form, good substance, average repeat - finally came into good form after 3 years - had discarded 2 others. Long stems, leaves tend to yellow in hot weather, hardiness OK. Heaslip (1 pl 4 yrs 4', B.C.): Double bloom, exhibition form, very good substance, good repeat bloom and clean as a whistle. Hopkins (2 pls 5 yrs 5', Ont): Classical H.T. form, excellent substance, long lasting, long stems, excellent bloom for cutting or exhibiting. Disease resistant, hardy. Johnson (1 pl 36", Que): Exhibition

form but somewhat flat, very good substance, lots of bloom. Getting to like this rose more and more. No disease, hardiness OK. Kopecky (1 pl 3 yrs 3'6", NE): High centred exhibition form, excellent substance. Another rose that took time to show its worth - this year it was a real winner. No disease, hardiness very good. Lacroix (3 pls 4 yrs 4', Que): Excellent exhibition form and substance, striking colour will not fade, excellent for garden too - my favourite medium red. Good bloom production, no disease, hardiness is good. Mychaluk (2 pls 2 yrs, tall, Alta): Almost every bloom can be exhibition, excellent substance, good for cutting - one of the best reds. Always lst rose to bloom in my garden, growing in a difficult location. This is a lazy man's rose - very little care - a gold medal. No disease noted, hardiness OK. Stanton (1 pl 4 yrs 4-5', Ont): Exhibition form, good substance, quite floriferous, many clusters, lovely velvety red colour but it never produces a good bloom in time for the Show. Disease resistant, quite hardy.

PACEMAKER, H.T. (Harkness '81). No reports. (Last year for reporting this rose).

PASADENA, H.T. (Kordes '81). No reports. (Last year for reporting this rose).

PATSY CLINE, H.T. (Christensen '83). No reports.

PAUL SHIRVILLE (HEART THROB), H.T. (Harkness '83) (Compassion x Mischief). LP (lp), light salmon pink, 30 petals. Blyth (2 pls 1 yr 3', Ont): Beautiful full blooms of exhibition form, excellent substance - a great addition to my garden. First year - looking forward to exhibition blooms next year. No disease. Brown (1 pl 2 yrs 3', B.C.): Exhibition form, good substance, fragrant, a nice colour but must have room due to spreading growth habit. Medium green foliage, no disease. Flood (3 pls 1 yr 2 1\2', Ont): Very attractive bloom, perfect form, great substance, freely produced. Love this one - the fragrance this fall is outstanding. Great foliage and lots of it, no disease. Hopkins (1 pl 1 yr 3', Ont): Exhibition form, good substance, fragrant, sparse bloomer but a few were outstanding. Disease resistant. Mathieson (2 pls 4 yrs 4'. B..C.): Extremely attractive bloom - exquisite. Blooms often large enough for exhibition, excellent form, very good substance, very fragrant - would recommend to any beginner. Deep coloured foliage, no disease, hardiness very good.

PEGGY LEE, H.T. (Feigel '82). No reports.

PENTHOUSE (WEST COAST), H.T. (McGredy '88, intr. '86) (Unnamed Seedling x Ferry Porsche). MP (mp). Brown (1 pl 1 yr 3', B.C.): Double bloom, exhibition form, good substance. With nice colour, form and growth,

it looks like a winner. Tall bushy growth habit, medium green foliage, no disease problems.

POLARSTERN (POLAR STAR), H.T. (Tantau '82). W (w), pale yellow to white, 35 petals. Archibald (1 pl 2 yrs, 36", Sask): Medium to large double bloom, high centred exhibition form, excellent substance, floriferous but poor this year - a good pure white. Quite tall growth habit, attractive foliage, no disease, hardiness is good. Brown (2 pls 2 yrs 4', B.C.): Exhibition form, good substance - an excellent white for garden or exhibition. Light green foliage, no disease. Cochran (3 pls 5 yrs 5'6", CA): Creamy white with a lemon tinge, large buds, very full petalled exhibition form bloom, heavy bloomer in singles and small clusters. Must be disbudded to exhibit. Husky plants need liquid sea-kelp to increase green colour in leaves. Disease resistant. Eyvindson (1 pl 3 yrs 3', Man): Good pointed bud for exhibition, nice clear white, good substance - a good bloom. A little susceptible to disease and fairly hardy. Johnson (1 pl 1 yr 5', Que): Somewhat loose form, fair substance, floriferous - will assess next year. Blackspot. Mathieson (3 pls 3 yrs 3-4', B.C.): Double, star-shaped exhibition type bloom, excellent substance, borne 1-3 per stem. All blooms have good form, excellent for exhibition, best white H.T. No disease. McLean (1 pl 1 yr, B.C.): Good white flowers, tall vigourous growth habit, no disease. Pearson (1 pl 1 yr 5', B.C.): Beautiful white blooms on long stems, exhibition form without equal, doesn't like damp much - an easy variety for beginners to experiment with for Shows. Very disease resistant. Yeomans (2 pls 5 & 2 yrs, over 5', B.C.): A utility rose - good grower, healthy, average production, well shaped flower with blah colour - creamy white.

POLO CLUB, H.T. (Christensen '86). No reports.

POPE JOHN PAUL II, H.T. (Guy Brisebois & Jack McIntyre '84). OR, 40-42 petals. Balcom (1 pl 4 yrs, medium, Ont): High centred exhibition form, good substance. Biggest problem is its weak neck - an overrated rose. No disease. Blyth (2 pls 4 yrs 4', Ont): Super high centred exhibition form, very good substance. Like this rose mostly for its true orange colour. Strong stemmed and healthy, repeats quickly but fewer blooms after first flush. Hardiness is good. Shewchuk (2 pls 3 and 1 yrs, 2 1\2', Alta): 4 1\2" bloom, attractive, like Tropicana with more and smaller petals, exhibition form, does not produce enough bloom - will discard. No disease, hardy with my method of winter protection.

POTTON HERITAGE, H.T. (Harkness '86) (Precious Platinum and Dr. A.J. Verhage). RB (rb), plum red/reverse straw yellow, 32 petals. Cochran (4 pls 2 yrs 4', CA): High centred exhibition form, very good substance, borne one and several blooms per stem, great fragrance, catchy colour combination both as a Show variety and for garden colour. Bushy and

branching grower, glossy dark green foliage, no disease if sprayed.

POUNDER STAR, H.T. (McGredy '82, intr. '81). No reports. (Last year for reporting this rose).

PRIDE OF CANADA, H.T. (Collins '81). No reports. (Last year for reporting this rose).

PRINCESSE DE MONACO (PRINCESS GRACE), H.T. (Meilland '81) (Ambassador x Peace). PB (pb), cream edged pink, 35 petals. Grindle (1 pl 2 yrs 2', Man): Well formed bloom but not many of them, good substance, long lasting when cut, and a beautiful scent. Upright grower, healthy foliage, hardy. Johnson (2 pls 1 yr 50", Que): Attractive colour, exhibition form but a few split centres, very good substance, many blooms. Satisfactory for first year except for short stems. Some blackspot. (Last year for reporting this rose).

PURE LOVE, H.T. (A. Perry '88, intr. '87) (Queen Elizabeth x World Peace). W (w), creamy white. Rodgers (5 pls 1 yr. tall, KY): White with lemon tint, good high centred form, good substance, excellent production - very good white and an excellent garden rose. Good disease resistance.

RAINY DAY, H.T. (McGredy '82) (Trumpeter x Typhoon). MP (mp), 20 petals. Baillie (2 pls 3 yrs 3', Ont): A good non-fading colour, H.T. form, good substance, hardly ever out of bloom. I like this rose very much - enough bloom out at one time to do a flower arrangement. Upright grower, good foliage, disease free, hardy. Brown (1 pl 3 yrs 4', B.C.): Decorative form, good substance, always in bloom - an excellent garden rose but not exhibition. No disease. Heaslip (1 pl 4 yrs 5', B.C.): Shiny luminous pink, smallish blooms, decorative form, medium substance, needs lots of room. No disease. Hopkins (1 pl 3 yrs 3'6", Ont): Loose, inconsistent form, good substance, short stems, nice foliage, Disease resistant, hardy. Mathieson (1 pl 2 yrs 5', B.C.): Cupped decorative form - called exhibition form in catalogue but furthest from exhibition that I have grown. Recurrent bloomer, vigourous grower, very good foliage, a little mildew.

REBECCA CLAIRE, H.T. (Michael John Law '85). No reports.

RED PERFECTION, H.T. (McGredy '86, intr. '87) (Karma x Arturo Toscanini). DR (dr). Rodgers (15 pls 1 yr 8', KY): Deep dark red, no fading. Better than Olympiad and more intense. High centred exhibition form, excellent substance, can produce Queens but enough blooms for garden use - a superior red. Bushy grower, dark olive, glossy foliage, excellent disease resistance. Took 100 degrees weather without slowing down.

REMEMBER ME, H.T. (Cocker '84) [Anne Letts x (Dainty Maid x Pink Favorite)]. OB (ob), 20 petals. Flood (5 pls 4 yrs 2 1\2', Ont): Excellent form, great substance, colour outstanding, short stems - I love this but wish it would do more for me in growth. Saw this growing in England, inches in excess of 5' - will not grow for me past 2 1\2' at best. Great dark foliage, no disease, hardy. Shewchuk (2 pls 4 yrs 2 1\2', Alta): 4 1\2" well formed, exhibition type bloom, often comes in clusters, slightly fragrant, coppery orange colour. No disease, hardy with my method of winter protection.

ROSEMARY HARKNESS, H.T. (Harkness '85). No reports.

ROYAL VELVET, H.T. (Meilland '86) [(Exciting x Suspense) x Duke of Windsor] DR (dr), 28 petals. Rodgers (20 pls 1 yr very tall, KY): Brilliant pure clear red like Olympiad but more intense and does not fade, perfect exhibition form, excellent substance, plenty of blooms - real Queen power here. Very vigourous growth habit with thick canes, foliage that complements colour of bloom, very disease resistant.

RUHKOR (ATHENA), H.T. (Kordes '81) (Unnamed Seedling x Helmut Schmidt). W (w), 35 petals. Yeomans (1 pl 4 yrs 4', B.C.): Small bloom on a poor plant. Hesitate to condemn on basis of one plant (I got it from Germany). Last year for putting up with this rose. (Last year for reporting this rose).

SANDRA, H.T. (Kordes '81) (Mercedes x Unnamed Seedling). OB (ob), 30-35 petals. Armstrong (1 pl 1 yr 4', N.S.): High centred exhibition form, heavy substance, medium size. Bush did very well this year even though it was planted before a protracted dry spell. Very tall grower, healthy leathery foliage, no disease. Lacroix (1 pl 1 yr 5'6", Que): Coral pink for me, flat form, excellent substance, very long stems. Disappointed in this rose - blooms are quite small. Will try again next year, will prune it severely to improve size of blooms. (Last year for reporting this rose).

SELFRIDGES (BEROLINA in Europe), H.T. (Kordes '84). DY (dy), amber yellow, 35 petals. Brown (1 pl 1 yr 3', B.C.): Exhibition form, good substance, fragrant. Shows promise, nice growth so far from weak plant. No disease, hardiness is good. Duskin (3 pls 3 yrs 4'6", OR): High centred exhibition form, good substance, long straight stems, good continuity of bloom. Outstanding Show, cut and garden rose - one of the very best yellows for this area. Tall, very vigourous grower, dark green foliage, no disease. Lemire (3 yrs 10', Ont): Exhibition form, fair substance, very few blooms in the fall. Grows taller than most climbers - yes, it can reach 15'. Good disease resistance, hardiness very good.

SHEER BLISS, H.T. (Warriner '87) (White Masterpiece x Grand

Masterpiece). W (w), white with pink centre, 35 petals, AARS '87. Brown (2 pls 2 yrs 3', B.C.): Exhibition form, good substance - only problem is slow to repeat. Tall bushy growth habit, medium green foliage, no disease. Decker (2 pls 2 yrs, tall, AK): Pleasant colour, exhibition form, excellent substance, nice fragrance, long cutting stems. Best of the AARS roses. Could be quicker to repeat but lots of single blooms each cycle. Slight mildew. Heaslip (2 pls 2 yrs 4', B.C.): Borne singly on long willowy stems but strong enough to hold the large bloom, classic exhibition form, bruises easily. No disease. Hopkins (1 pl 2 yrs 4'6", Ont): Classic exhibition form, excellent substance, nice fragrance, lovely cut blooms on long stems - highly recommended. Disease resistant, hardy. Johnson (1 pl 2 yrs 48", Que): Attractive colour, long buds, very good exhibition form, good substance but would like more blooms. No disease, hardiness OK. Kopecky (1 pl 2 yrs 3'6", NE): High centred exhibition form, very good substance, excellent colouring - a real show stopper. Some will say that Pristine is better but I like this one a wee bit more. No disease so far, hardiness very good. Lacroix (2 pls 2 yrs 3'6", Que): More like a light pink blend, exhibition form if you live in the Mojave desert - balls, spots and would cuss if it could talk - should be grown in a greenhouse. One of the best exhibition roses I have seen when it begins to open but watch out if it rains - will try again with virus-free bush. Very fragrant, hardiness is good. McKenzie (4 pls 3 yrs 4', Ont): High centred exhibition form, good substance. This maintenance free cultivar is another of my favourites - quick to repeat, a standout in a vase since it has strong long straight stems. Resistant to every disease, hardiness very good. Mathieson (3 pls 2 yrs 5-6', B.C.): Exhibition form, excellent substance, some fragrance, repeats well, some damage (spotting) in rain but does not ball up, 1-3 blooms per stem - very good garden and exhibition rose. Second best white rose - next to Polar Star. No disease, hardiness is good. McLean (1 pl 1 yr, B.C.): Good single flower heads, repeat flowering throughout season, tall growth habit, no disease. Ouellette (1 pl 1 yr 3', Que): Resembles Royal Highness but not as large a bloom, exhibition form, thick substance. First year grown - needs time to get established. Rather sparse bloomer but rewarding when it does. Colour is what attracted me, plus its wonderful fragrance. No disease. Shewchuk (3 pls 2 & 1 yr 3 1\2', Alta): 4-5" bloom, classic high centred exhibition form, good substance, good repeat. One of my best roses. No disease, hardy with my method of winter protection. Yeomans (1 pl 2 yrs 5', B.C.): Good grower, exhibition type flowers if caught right - Pristine is more beautiful.

SHEILA'S PERFUME, H.T. (John Sheridan '85) [Peer Gynt x Daily Sketch x (Paddy McGredy x Prima Ballerina)]. YB (yb), yellow, petals edged red, 20 petals. Cochran (2 pls 4 yrs 3-4', CA): I love the colour and plant habit but the blooms open too fast. I keep it for the lovely strong perfume which lasts quite long when cut in early evening. Borne singly and in

clusters. Upright branching growth habit, dark glossy foliage, mildews lightly.

SILK HAT, H.T. (Christensen '85). No reports.

SILVER SPOON, H.T. (Weeks '85) (Louisiana x Unnamed Seedling). M (m), 35 petals. Kopecky (2 pls 2 yrs 3'6", NE): High centred exhibition form, good substance. Had almost given up on this rose but I think it needed time to become established, and rose bed needed PH correcting. Upright grower, no disease, hardiness very good.

SILVERADO, H.T. (Christensen '87). No reports.

SOLITAIRE, H.T. (McGredy '87) (Decorat x Benson & Hedges Gold). YB (yb), yellow edged red. Brown (1 pl 1 yr 3', B.C.): Exhibition form, excellent substance, flower form similar to Gold Medal. Has good potential for exhibition as well as garden. Very tall grower, no disease.

SOPHIA, H.T. (Weddle '88, intr. '87, not reg'd). (pb). Kopecky (1 pl 1 yr 3'6", NE): High centred exhibition form, very good substance. This was an exceptional grower for a first year Canadian plant - shows a lot of potential, next year will tell the tale. Upright grower, no disease this year.

SOUTHERN BELLE, H.T. (Swim & Ellis '81). No reports. (Last year for reporting this rose).

STEPHENS' BIG PURPLE, H.T. (Pat Stephens, Sam McGredy '86) (Unnamed Seedling x Purple Splendor). M (m), purple, 35 petals. Cochran (3 pls 1 yr 5 1\2'-6', CA): Deep tuscany purple red - really catches your attention, never changes colour until petals fall. Large bloom, exhibition form, petals arranged very tightly, good substance, strong sweet fragrance. I didn't like the colour the first year, now I love it - nothing like it in this class. Upright branching growth habit, dark greyish-green foliage compliments colour of the blooms, no disease with spray programme. Duskin (2 pls 2 yrs 4', OR): Medium size bloom, mostly high centred exhibition form, good substance, average production, very fragrant. This rose loves our cool damp climate. Opens a vivid shocking purple, but occasionally balls in heavy fog. Inland a few miles (where people usually see the sun), it's a nondescript dark red. Thin upright growth habit, plant not overly vigourous, sparse, medium green matt foliage, no disease.

SUFFOLK, H.T. (A. Perry '84) (Garden Party x Unnamed Yellow Seedling). PB (pb), white with pink petal tips, 40 petals. Cochran (2 pls 1 yr, 4 1\2', CA): Very beautiful exhibition variety, high urn shaped centres that open into a very large bloom, good substance, borne on long stiff stems, lightly fragrant - very elegant rose. Upright grower, large, medium green

matt foliage, no disease problems.

SUMMER DREAM, H.T. (Warriner '87) (Sunshine x Unnamed Seedling): LP (ab), apricot pink, 30 petals, J&P Rose of the Year '87. Decker (1 pl 2 yrs, tall, AK): Pleasant colour but not a good rose for our climate - doesn't like cool rain and balls occasionally. Mostly decorative form, fair substance, little fragrance. Mildews. Lacroix (1 pl 2 yrs 3', Que): Exhibition form if you don't spray or it doesn't rain - spots badly, excellent colour, fair substance, very weak necks, sparse bloomer, opens too fast. Have been patient enough with this one - out it goes. No disease, hardy. Rodgers (10 pls 1 yr, tall, KY): Huge 6-7" bloom, perfect exhibition form, excellent substance, colour is pale apricot, many petals - highly recommended. Bushy growth habit, dark green foliage, excellent disease resistance.

SUNBRIGHT, H.T. (Warriner '84) (Unnamed Seedling x New Day). MY (my), sulphur yellow, 28 petals. Biddulph (2 pls 3 yrs 24", Man): Lovely yellow - no fading in sun, exhibition form, good substance, 14 blooms first cycle, 8 blooms second cycle. Very dry very hot summer - terribly hard on roses in particular - cold well-water did not encourage roses like a warm rain. Won 1st prize in June Show - yellow class. Low grower this year, dark shiny foliage, no disease, hardiness good when protected.

SUNSATION, H.T. (Kordes '87. intr. '88) [(Bengali x Uwe Seeler) x Cocktail]. YB (ob), orange and yellow blend, Sheridan's 75th Anniversary Rose. Baillie (3 pls 1 yr, 2' 6", Ont): Good HT form, good substance, quite floriferous, holds colour well even in the heat. Disease free, hardiness is O.K. Johnson (1 pl 1 yr 45" Que.). Good form but few petals, fair substance, does not have the white tone seen in Sheridan's picture. Sunsation is a bright and colourful rose but not a sensation. Blackspot. Jubien (3 pls 1 yr 26", Que): Double exhibition form bloom, excellent substance. Planted in May 1988 and it was one of the best blooms in my garden, lots of comment. No disease. Stanton (1 pl 1 yr 3', Ont): Decorative, rather loose form, fair substance, fairly floriferous, in clusters, repeats well, fascinating colour blend. Disease resistant. Wade (2 pls 1 yr 4', Ont): Sensational double bloom, excellent exhibition form, excellent substance - did extremely well in local competition. Good repeat, good disease resistance.

SWEET SURRENDER, H.T. (Weeks '83) (Unnamed Seedling x Tiffany). MP (mp), medium silvery pink, 40 petals. Balcom (1 pl 4 yrs 4 1\2', Ont): Large, high centred double bloom, weak necks - grown for its fragrance. Doesn't like wet weather so did very well in my garden this year. Upright grower, silvery green foliage. Biddulph (1 pl 2 yrs 2 1\2', Man): Buds dark pink fading to mauve-pink - lovely. Cup shaped form, good substance, opens quickly, very fragrant. For exhibition must pick when bud is tight.

Suffered from hot dry season. No disease, hardiness good when protected. Hopkins (1 pl 5 yrs 4', Ont): Mostly flat loose blooms but a few are exhibition type, garden form, good substance, very fragrant, fast repeater. Disease resistant, hardy. Ouellette (1 pl 3 yrs 2 1\4', Que): Good high centred exhibition form, good substance, good fragrance, sparse bloomer, some good blooms but wish it could send out more of them. Hasn't lived up to the raves it gets elsewhere. Seems disease resistant.

SWEETWATERS (FRESHIE), H.T. (McGredy 87, intr. '86) [(Sympathie x Red Lion) x Pharoah] [(Tombola x [Elizabeth of Glamis x (Cucos x Golden Fleece)] x Ferry Porsche]. MP (mp). Archibald (1 pl 1 yr 30", Sask): Medium size double bloom, decorative form, fair to good substance, not too floriferous first year but might be better next year. A little blackspot. Schultz (1 pl 1 yr 24", Alta): Excellent high centred form, very good substance, holds petals and colour well. Not vigourous but another that was slow in our mixed up season. No disease. Spencer (1 pl 1 yr 36-45", Ont): Large pink blend blooms, exhibition form, very good substance, exhibition type, straight stems. Very healthy, hardiness unknown - lst year plant that looks like a fine high producer. Will report further on this rose next year - would purchase more.

THE LADY, H.T. (Fryer '85) (Pink Parfait x Red Gold). YB (yb, honey yellow, petals edged salmon, 35 petals. Brown (1 pl 2 yrs, 3' B.C.): Exhibition form, good substance. A great rose for colour and form - could use a few more petals as it tends to open quickly. Upright growth habit, light green foliage, no disease, hardiness good. Yeomans (1 pl 2 yrs 3', B.C.): Elegant flowers on a nicely balanced bush, healthy with spraying. A pretty garden rose - flowers too small for exhibition.

THE SENATOR, H.T. (Weeks '80) (Unnamed Seedling x Suspense). MR (mr), bright medium red. King (2 pls 4 yrs 4', TX): Fair form, sparse bloomer - not a garden rose. Beautiful in fall but 3 or 4 blooms and that's it. A real challenge but a classic. No disease. (Last year for reporting this rose).

TOUCH OF CLASS (MARECHAL LE CLERC), H.T. (Michael Kriloff '84) [Micaela x (Queen Elizabeth and Romantica)] PB (pb), medium pink shaded coral & cream, 35 petals, AARS '86. Balcom (1 pl 2 yrs 4', Ont): Exhibition form, very floriferous, best of the AARS in '86. Rates among the best in my garden. Tall growth habit, dark green foliage, good disease resistance, excellent for hardiness. Brown (3 pls 3 yrs 5', B.C.): Exhibition form, excellent substance, mostly small but an excellent rose for exhibiting, sweet fragrance, fairly good repeat. Mildew prone. Cochran (3 pls 3 yrs 4-5', CA): Creamy pink suffused shadings of coral and cream, a beautiful fragile colouring, fragrant, best exhibition type, super substance - a

breathtakingly perfect Show bloom. Plenty of bloom, no disease. Duskin (2 pls 3 yrs 4' OR): Never had even one start to open, form - who knows? - substance ditto - a major disappointment. One of the great roses of the last decade and we can't grow it here - every bud is a sodden mess. I drool when I visit gardens inland. Slight mildew. Eyvindson (1 pl 1 yr 2-3', Man): Classic spiral form, perfect in size, a great rose especially in bud. Delicate peachy fragrance, good substance. No disease. Heaslip (2 pls 2 yrs 4', B.C.): Medium to large bloom, exhibition form, heavy substance - absolute perfection where spray programme is kept up. Hopkins (3 pls 3 yrs 4'6", Ont): Beautiful bloom, classic high centred exhibition bloom - this rose is a winner. Some mildew. Johnson (1 pl 2 yrs 50", Que): Very attractive, petals roll back in unusual manner, very good substance. No disease, hardiness OK. Kirkland (1 pl 2 yrs 4', Ont): Beautiful high centred exhibition form, upright grower, almost perfect pink rose - highly recommended. Kopecky (3 pls 2 yrs 4', NE): Always exhibition form, excellent substance. If ever a rose was properly named it's Touch of Class, will win every time it is shown, almost always in running for 'Queen'. One of the best introductions in past several years. No disease, hardiness very good. Lacroix (1 pl 3 yrs 5', Que): High centred exhibition form all the way, outstanding substance, beautiful colour, very long straight stems, little fragrance. Must be grown where it will get partial shade during the hottest periods of the day, if not it spots and fades badly. Quite a lot of bloom and they are all of excellent quality - a super rose. No disease, hardiness good. Mathieson (6 pls 2 yrs 4', B.C.): Very attractive, especially in bud and 1\2 open stages, large bloom, exhibition form and good substance. Real problem with mildew despite spraying. Not the bushiest growth habit, significant loss in Vancouver winters. McKenzie (3 pls 2 yrs 4 1\2', Ont): 4-5" bloom, exhibition type - blooms of distinction! Delicate in appearance yet has remarkable substance. Everybody should have this rose - very well named. No disease problems, hardy with ordinary protection. Shewchuk (1 pl 3 yrs 3', Alta): 4-5" bloom, exhibition form, good substance, good repeat and an eye catcher. No disease, hardy with my method of winter protection. Smallenberg (1 pl 2 yrs 4', B.C.): Slow to develop into classic H.T. bloom with high centre, needs disbudding to get good specimen with sufficient foliage. Very attractive, elegant, long lasting once open, very good substance. Touch of mildew.

TRIBUTE, H.T. (Warriner '83) (Unnamed Seedling x Unnamed Seedling). DP (dp), 30 petals. Brown (1 pl 4 yrs 4', B.C.): Exhibition form, fair substance. While few blooms are 'bench winners' it's a good garden rose. Vigourous tall bushy growth habit, dark green foliage, no disease. Kopecky (3 pls 2 yrs 3'6", NE): Sometimes exhibition, very good substance. Another rose that looked very good all summer - has potential, next year should tell its real worth. No disease, hardiness very good. Bouwman (1 pl 1 yr 4', Alta): A nice deep pink but not enough years yet - I think it will improve

next year. I like the colour. No disease.

VELDFIRE, H.T. (Kordes '87). OB (ab). Lemire (1 pl 3 yrs 55", Ont): Bright yellow with red edges, facing side light it's orange gold. Exhibition form bloom, strong substance, an exhibitor's dream. May be in Canada under different name. Upright grower, shiny dark foliage, good disease resistance, hardiness very good.

VOODOO, H.T. (Christensen '86) [(Camelot x First Prize) x (Typhoo Tea x Lolita)]. OB (ob), 35 petals, AARS '86. Balcom (1 pl 2 yrs, tall, Ont): Cupped shape bloom, good substance, from orange marmalade colour to scarlet tints, quick to open, fragrant. Tends to catch the eye when buds open in the garden. Upright grower, very thorny, dark green foliage, no disease, hardiness excellent. Brown (3 pls 3 yrs 3 1\2', B.C.): Decorative form, excellent substance, the odd exhibition bloom but always in flower and quick to repeat - an asset to any garden. No disease. Cochran (3 pls 3 yrs 5-6', CA): Beautiful orange-peach colour suffused yellow, large cupped form bloom, more a decorative garden variety, outstanding substance, opens in all weather. The colour, substance, floriferousness demand this beauty for every garden. Will keep it in my garden just for arranging. Glossy foliage, disease resistant. Hopkins (1 pl 3 yrs 6', Ont): Exhibition bloom, excellent substance - very tall growing plant with long stems but few blooms. Some loose but many high centred exhibition form, and long lasting. Disease resistant, hardy. Eyvindson (1 pl 1 yr 2', Man): Full petalled exhibition bud, good substance, a very striking colour, in singles and clusters, on strong stems, bloomed well in spite of heat. No disease. Lacroix (2 pls 3 yrs 5'6", Que): Mostly a garden rose - not many petals but a beauty when it starts opening. Excellent substance, a bit stingy on the production side - does not keep exhibition form very long. No disease, hardiness is good.

WESTERN FAIR, H.T. (Noakes '8l). YB (yb). Wade (3 pls 6 yrs 3 1\2', Ont): Have had Western Fair since its introduction and it has never disappointed us. Exhibition form, excellent substance, excellent repeat bloom. Vigourous growth habit, dark green foliage, very good disease resistance, hardiness excellent. (Last year for reporting this rose).

WIMI, H.T. (Tantau '83). PB (pb), shiny pink/silver reverse, 20 petals. Brown (1 pl 2 yrs 2 1\2', B.C.): Cup shaped form, flat centre, good substance, fragrant. Not vigourous - got rid of it. No disease. Cochran (3 pls 4 yrs 3', CA): Exquisite ivory with pink suffused into petal edges, best exhibition form, excellent substance - a breathtaking beauty. Only blooms in short spurts but I wouldn't be without it - worth all the trouble. No disease so far. Heaslip (2 pls 2 yr 3 1\2', B.C.): Form is sheer perfection, delicate substance, absolutely gorgeous. I won 'Best Bloom' twice but disappointed that blooms crumpled the following day in both instances.

Dark green foliage, no disease. Lacroix (1 pl 1 yr 3', Que): Super exhibition rose, very high centre, opens a little fast but doesn't fade. Stingy bloomer but quality of bloom is worth waiting for, heavenly scent. No disease. Mathieson (1 pl 3 yrs 3', B.C.): Large double bloom, excellent exhibition form, good substance, but poor repeat. Almost no disease. Yeomans (1 pls 4 yrs 3 1\2', B.C.): Poor grower. Have seen some good blooms at Shows but due for the chop.

WORLD PEACE, H.T. (A. Perry '87, intr. '89) (First Prize x Gold Glow). PB (pb), pink suffused with cream. Cochran (2 pls 1 yr 4-5', CA): Very large exhibition blooms with high centres and stiff substance, sweet tangy perfume, a real beauty. Was disappointed in spring growth when hot weather burned them badly but by middle of October they were beautiful. Vigourous tall plants with long stems, clothed with disease resistant foliage. Rodgers (3 pls 1 yr 4', KY): Perfect exhibition form, much like Peace but even better, excellent substance. Produced repeat waves of perfect exhibition bloom and excellent for garden too. Colour is deep pink with tan-yellow tones deepening to almost rouge pink with lighter pink inside. Excellent disease resistance.

GRANDIFLORAS

EXPO '86, Gr. (Not reg'd). OR (o-r), 35-38 petals. Shewchuk (1 pl 3 yrs 2'6", Alta): 4" bloom, good substance, slight fragrance, poor bloom repeat, large dark glossy foliage, no disease. Plant lost vigour each year - will discard this fall.

GOLD MEDAL, Gr. (Christensen '82). DY (dy), 38 petals. Archibald (1 pl 1 yr 30", Sask): 4" bloom, decorative form. somewhat loose as it ages, good substance, in bloom most of the time, seems quite good after the setbacks this summer. No disease. Bouwman (2 pls 4 yrs 4', Alta): Golden yellow bloom doesn't change colour, 100% exhibition form, excellent substance - one of my favourites - many people want it. No disease problems, hardiness is good. Brown (1 pl 3 yrs 5', B.C.): Ovoid bud, long pointed classic shape, opens formal, excellent substance, deep golden yellow sometimes flushed orange, good repeat - one of the best yellows. Tall vigourous grower, large dark foliage, no disease. Eyvindson (1 pl 3 yrs 3'6", Man): Exhibition bud, many petals, excellent substance, floriferous, repeats well. One of my favourites - cannot fault this rose. No disease, hardy. Heaslip (2 pls 4 yrs 5', B.C.): Classic form, very good substance, some singles, sprays have many blooms and come on late in season. No disease. Hopkins (1 pl 3 yrs 5', Ont): Exhibition form, excellent substance, some single stems but mostly in clusters, colour fades to almost white. Improves each year, disease resistant, hardy. Kirkland (1 pl 2 yrs 6', Ont): High

centred exhibition rose, excellent substance, very late bloomer. The best grandiflora since Queen Elizabeth - highly recommended. Very strong plant with many blooms, no disease, hardiness excellent. Kopecky (2 pls 2 yrs 4', NE): High centred exhibition form, very good substance. One of the better grandifloras - we don't have that many good ones. Will take its share of blue ribbons. Some blackspot, hardiness very good. Lacroix (3 pls 3 yrs 6', Que): Excellent form, very good substance, slight perfume, some fading - this rose is at its best in the fall. One of my favourite yellows. Hard to get going in the spring, no disease, hardiness is good. Mathieson (1 pl 2 yrs 5', B.C.): Attractive double bloom, exhibition form, good to light substance, fades to very pale yellow, otherwise good. No disease. Pearson (2 pls 1 yr 5', B.C.): Gorgeous HT type blooms of exhibition quality when disbudded properly, excellent substance, stands marine climate well. Everyone should have it - this must be a 10! Disease free. Schultz (2 pls 1 yr 24", Alta): Large bloom, good form and substance, both plants slow to start. No disease.

LAGERFELD (STARLIGHT), Gr. (Christensen '85). M (m), silvery lavender, 30 petals. Rodgers (10 pls 2 yrs, tall, KY): Exhibition form blooms coming in singles and clusters, good substance, pretty silver colour with lavender tint, very fragrant. So many blooms the trusses can weigh canes down, grows like a weed - highly recommended. Dark green foliage, excellent disease resistance.

NEW YEAR (ARCADIAN), Gr. (McGredy '82). OB (ob), Orange and gold blend, 20 petals. Decker (1 pl 2 yrs, short, AK): Small decorative form bloom, confused centres, good substance, bright colour. Will keep it one more year. Prominent (Korp) is a better orange grandiflora in our climate. Sprawling growth habit, slight mildew. Lacroix (2 pls 2 yrs 3', Que): Outstanding colour, excellent form, very good substance, quite a few one to a stem, stingy bloomer in Spring, fruity fragrance. In my opinion the best in its colour class. Leathery glossy foliage, no disease, hardiness good. McLean (1 pl 2 yrs B.C.): Mid-size bush, good repeat flowers throughout season, powdery mildew controlled with Funginex. Shewchuk (1 pl 2 yrs 2', Alta): 3" Spanish orange bloom - attractive when it first opens but fades rapidly in sun, good substance, good repeat, nice cut flower. No disease, hardy with my method of winter protection. Yeomans (1 pl 1 yr 3', B.C.): Vivid spot in the garden, small H.T. type flowers but not for exhibition, beautiful foliage. Will get more.

PRIMA DONNA, Gr. (Takeshi Shirakawa '83). DP (dp), deep fuchsia pink, 27 petals, AARS '88. Cochran (2 pls 2 yrs 5 1\2', CA): High centred HT form that holds well in cool climate, opens too fast in hot weather, good substance, fragrant, long stems with many one bloom per stem and medium size sprays, new blooms every day - great for cutting. Upright branching

growth habit, dark green glossy foliage, no disease if sprayed. Decker (1 pl 1 yr, tall, AK): Looks just like its picture in the catalogue, exhibition form, excellent substance but will spot in cool rainy weather, performs more like a H.T. - no sprays first year. One of the few roses that are worthy of the AARS rating. No disease. Duskin (4 pls 3 yrs 5', OR): Medium size bloom of perfect H.T. shape, excellent substance, holds extremely well when cut, in singles and small clusters, weather proof! Excellent addition to so-called grandiflora class. Some blackspot. Hopkins (1 pl 1 yr 4', Ont): Classic HT exhibition form, excellent substance, long stems - can't understand why this plant is classified grandiflora. Think it will become a winner. Disease resistant. Lacroix (2 pls 1 yr 4', Que): Outstanding form with very high pointed centre when it begins to open, then flat. Extra long stems, one bloom to a stem - why is this rose a grandiflora? Where are the clusters? Blooms in cycles - one of the better deep pink roses. Mosaic. Mathieson (1 pl 1 yr 3', B.C.): Superb form with pointed centre, good substance, vibrant colour, extremely attractive - may be best exhibition grandiflora in future. May be tall after first year, no disease. McKenzie (2 pls 1 yr 5', Ont): Large high centred exhibition form, no faults, good substance, on long straight stems, beautiful for my vase - loves to stretch up in height. Has many lesser stems beside main stem, good disease resistance. McLean (1 pl 1 yr B.C.): Tall bush, good single flower heads, repeat flowering throughout season, no disease. Rodgers (1 pl 1 yr, very tall, KY): Exhibition form, good substance, excellent for cut flowers, arrangements, Show or garden. Florist rose that finally made it into commerce. Blackspot. Schultz (2 pls 1 yr 41", Alta): High centred exhibition quality blooms, excellent substance, hold colour and petals extremely well - best rose I have in my garden and this is its first year! Will be interesting to see what the AARS rating will be - should be at least 9.3. Excellent as a cut flower, good strong single stems hold bloom very well, no disease. Only problem will possibly be the Calgary winter - will know in the Spring. Shewchuk (1 pl 1 yr 2'6", Alta): Rich vibrant deep pink which most people like, high centred exhibition form, good substance, on long stems, slight fragrance. I like this one - will increase if it winters well. No disease. Wade (1 pl 1 yr 2'6", Ont): Exhibition bud but small petal count, semi-double bloom, poor substance, sparse bloomer. A major disappointment for an AARS choice - not even a remote competition for Queen Elizabeth. Disease resistant.

SHREVEPORT, Gr. (Kordes '81). OB (ob), 40-55 petals. Hopkins (1 pl 5 yrs 4 1\2', Ont): Small size bloom with high centred exhibition form, excellent substance, slight fragrance, many blooms, long lasting, borne singly and in clusters. Upright grower, dark green foliage, disease resistant, hardy. (Last year for reporting this rose).

TOURNAMENT OF ROSES, Gr. (Warriner '88). MP (mp), coral pink,

35-40 petals, AARS '89. Cochran (2 pls 1 yr 5-6', CA): Buds deep coral pink opening to a lighter shell pink, stable in our wet foggy climate. More decorative than exhibition, rounded petals hold form well, excellent substance, borne one to a stem and in full clusters on strong stems, plenty of roses for garden or exhibition - I will keep this beauty. Disease resistant so far.

WAIHEKE (WAIKIKI), Gr. (McGredy '86, intr. '87). (pb), pink cream bicolour. Decker (1 pl 1 yr, medium, AK): Performs like a floribunda, excellent exhibition form, excellent substance, best sprays of any grandiflora I have grown. Not sure of rain tolerance as plant was under deck overhang. McGredy roses always do well in our climate. Upright grower, glossy foliage, no disease.

FLORIBUNDAS

AMBER QUEEN, Fl. (Harkness '84). AB (ab), amber yellow, 40 petals. Baillie (1 pl 1 yr 20", Ont): Long lasting and non-fading, H.T. form, good substance - only first year but seems very promising. Upright growth habit, disease free, hardiness is good. Brown (1 pl 3 yrs 2'6", B.C.): Decorative form, excellent substance, good repeat bloom, very healthy. Glossy dark green foliage. Cochran (3 pls 5 yrs 3 1\2', CA): Golden apricot colour holds well in most weathers, beautiful blooms borne in large sprays of 8-12 on strong canes. Decorative form - have good form until they are fully open, then some vegetative centres, very good substance, very large clusters, very fragrant. Very vigourous plants with many basal canes. Pinching them produces exhibition sprays. Disease resistant. Flood (3 pls 1 yr 2 1\2', Ont): Beautiful large blooms, great colour, form and substance, grows singly and in clusters, repeats well - one of the best in years. Compact bush clothed with excellent foliage. Freeman (1 pl 1 yr 2', Ont): Very attractive bloom, decorative form, good substance, excellent repeat, very fragrant - looks like a super garden rose. No disease. Hopkins (2 pls 4 yrs 2'6", Ont): Large exhibition form blooms, excellent substance, in clusters, long lasting and fast repeat, lovely colour, very early Spring bloomer. Improves each year. Disease resistant, hardy. McKenzie (2 pls 1 yr 2', Ont): Neat form, good substance, rich fragrance, medium size clusters and singles - third flush by September 20. Grew these two in planter pots - one for each side of my walkway. Some mildew. McLean (1 pl 2 yrs, B.C.): Good repeat flowering throughout season, low bush, no disease. Mychaluk (1 pl 1 yr, low, Alta): Cup shaped form, excellent substance, continuous single blooms for me - not your usual apricot blend - nice change of pace. Plant late in arriving but once going it bloomed all the time. Foliage so slick and waxy disease can't get a foothold. Shewchuk (2 pls 4 yrs 2', Alta): 4 1\2" bloom, not exhibition form but gives lots of amber-gold colour in the garden, good

repeat. No disease, hardy with my method of winter protection. Smallenberg (1 pl 1 yr 2'6", B.C.): Attractive little bud opens into 3" bloom, no true form, excellent substance, rich golden apricot shade, very long lasting cut or on bush, very attractive foliage sets off the small sprays, long lasting, rain tolerant. No disease. Wade (2 pls 1 yr 2'6", Ont): Very double with a huge petal count, long lasting, good repeat bloom. This is the only AARS for 1988 that we are pleased with - performs very well in competition. Seems disease resistant. Yeomans (1 pl 2 yrs 2'6", B.C.): Good foliage and bush growth, flowers mostly one to a stem, HT type, bright colour, good repeat. Healthy with spraying.

ANISLEY DICKSON (DICKY in U.S.), Fl. (Dickson '83). PB (pb), reddish salmon-pink/reverse lighter, 35 petals. Cochran (2 pls 4 yrs 3'6"-4', CA): Very stable colour, high centred H.T. form blooms, excellent substance, borne in sprays, a real winner for exhibition, floriferous, light fragrance. No disease. Flood (3 pls 2 yr 3' Ont): Large blooms that are evenly spaced, excellent colour, exhibition form, excellent substance, freely produced, Has great possibilities - might be good for exhibition. Neat bushy growth habit, excellent foliage, no disease so far. Hopkins (1 pl 2 yrs 3', Ont): Double, exhibition form bloom, excellent substance, blooms similar to First Edition. Plant improved second year - this rose is a winner. Bushy growth habit, medium green foliage, disease resistant, hardy. Mathieson (2 pls 2 yrs 3', B.C.): Exhibition form, very good substance, no rain damage, very good sprays, good repeat. No wonder it won the RNRS President's Trophy - superb in all respects. No disease. Yeomans (1 pl 2 yrs 3', B.C.): Pretty flowers in gold trusses, healthy. Needs another year to mature.

ANTIQUE SILK (CHAMPAGNER), Fl. (Kordes '82). W (w), 20 petals. Armstrong (1 pl 2 yrs 2'6", N.S.): High centred form like a small HT, good substance, did very well last year but was moved again this Spring - still did very well. Upright grower, dark leathery healthy foliage, survived last winter. Brown (1 pl 1 yr 3'6", B.C.): Decorative form, good substance, more light pink than white, nothing exceptional so far - wait and see. No disease. Cochran (2 pls 2 yrs 5-6', CA): White with a buff tone as blooms open, then pure white, perfect high centred exhibition form, quills to a perfect star, excellent substance, lasts for days, many sprays of exhibition blooms even when weather was very hot. No disease if sprayed. Mathieson (2 pls 1 yr 3', B.C.): Attractive HT exhibition form, good substance, medium size bloom and medium size sprays - could be called in between HT and Fl, medium repeat. No disease so far.

ARDS BEAUTY, Fl. (Dickson '86). MY (my), 20 petals. Mathieson (1 pl 1 yr 2'6", B.C.): Semi double bloom, flat cupped form, excellent substance, no rain damage, fragrant. Superb small bedding yellow, too short for exhibition, very good repeat. Bushy growth habit, excellent disease free

foliage. Yeomans (1 pl 1 yr 3', B.C.): Beautiful foliage on a bushy plant, only one flush of flowers this year. Promising, healthy with spraying.

AVOCET, Fl. (Harkness '84). OB (ob), orange edged vermilion, 13 petals. Flood (4 pls 4 yrs 5', Ont): Neat buds, open form, colour excellent in early stages but shatters in 2 days - old colour ugly. In small clusters, an excellent garden variety, seldom out of bloom. Tall grower, well dressed with disease free foliage.

BEAUTIFUL BRITAIN, Fl. (Dickson '83). OR (o-r), orange red/reverse deeper, 20 petals. Flood (3 pls 4 yrs 3', Ont): Bloom neat and shapely, exhibition form, excellent substance, produces a lot of single blooms, great for flower arranging. Gives a good show - could repeat more quickly. Short and full growth habit, excellent holly type foliage, no disease, hardiness excellent. Hopkins (1 pl 3 yrs 1', Ont): Medium size bloom, garden form, good substance, borne in clusters, spicy fragrance. Tiny compact plant, disease resistant, hardiness is good. Yeomans (1 pl 3 yrs 3', B.C.): Has grown and produced well this year, mostly singles and small clusters of HT-type flowers, distinctive colour. Healthy with spraying.

BELLA ROSA (TOYNBEE HALL), Fl. (Kordes '82). MP (mp), 34 petals. Hopkins (1 pl 4 yrs 2', Ont): Small high bud opens to semi-double garden form bloom, good substance, fantastic glossy foliage, productive and attractive in the garden. Compact grower, disease resistant, hardy.

BROWN VELVET (COLORBREAK), Fl. (McGredy '82). No reports.

CHRISTINGLE, Fl. (Harkness 87). OR (o-r), 35 petals. Cochran (2 pls 1 yr 4'6", CA): Brilliant colour attracts one's attention. Large high centred exhibition bloom, good substance, beautiful well spaced sprays and many singles, long stems, floriferous, some fragrance. Upright bushy growth habit, dark green leathery foliage, no disease with spray programme.

CITY OF BRADFORD, Fl. (Harkness '86). No reports.

CLASS ACT, Fl. (Warriner '88). W (w), 15-20 petals, AARS '89. Cochran (2 pls 3 yrs 4'6", CA): Creamy white blooms have pale yellow centres - finish white, decorative form, great for home gardeners and excellent for landscaping, drops its petals cleanly, excellent substance, weather proof. Could exhibit if cut a little tight. Light fragrance. Upright spreading growth habit, densely clothed with dark green glossy foliage, disease resistant.

CONQUEROR'S GOLD (FRONT PAGE), Fl. (Harkness '86). YB (yb), yellow/edged orange-red, 18 petals. Flood (4 pls 1 yr 2', Ont): Unbelievable colour, excellent substance, great, strong substance, blooms last so long, many many clusters, great performer. This has to be seen - stands out in

the rose bed. Spreading growth habit, dark green foliage, no disease.

DEB'S DELIGHT, Fl. (LeGrice '83). No reports.

DESIGNER'S CHOICE, Fl. (Has been classed HT or Gr by several sources). (Japanese Hybrid, no record at supplier, DeVor '89). (yb). Rodgers (1 pl 1 yr, medium, KY): Unusual cream that turns to red on very edges, excellent exhibition form, good substance, many blooms, great garden rose that produces show blooms as well. Bushy grower, olive green foliage, excellent disease resistance.

DISCO DANCER, Fl. (Dickson '84). OR (o-r). Cochran (2 pls 2 yrs 3'6", CA): Brilliant orange-scarlet, retains colour, wavy petalled bloom seems to sparkle - catches the eye. Show and garden quality form, great substance. Husky plants produce beautiful trusses - won Best Floribunda last May. Super on a 24" standard for patio, I love this one. Upright branching grower, medium size dark green disease free foliage.

FESTIVAL FANFARE (ST JOHN OGILVIE), Fl. (Ogilvie '88, intr. '86). (ob), vermilion, 8-9 petal count. Cochran (2 pls 3 yrs 5'6", CA): Creamy-white with vermilion stripes - a flashy colour. Decorative and exhibition form, good substance, huge beautiful trusses of 7-12 blooms borne on strong canes. Excellent for exhibition because of it's spectacular colour. In the garden, because of the huge trusses, they should be planted in the background for best effect - a real people stopper. Tall upright grower, large, leathery, glossy foliage, no disease.

FRAGRANT GARDEN, Fl. (Kordes intr. '84, not reg'd). MR (mr). Hopkins (1 pl 3 yrs 3', Ont): Very large blooms, non-fading medium red, garden form, good substance, borne in clusters, always in bloom and a joy in the garden. Bushy grower, dark green glossy foliage, some blackspot, hardy. Kopecky (1 pl 3 yrs 3', NE): Large for a floribunda, very good substance. Not an exhibition rose but one that should be in everyone's garden - abundant bloom, takes little or no care on my part. Disease resistant, hardiness excellent. Schultz (2 pls 1 yr 22", Alta): Deep red, holds petals well and doesn't fade, very good form and substance. Not as profuse as Bad Fussing but has a better quality bloom. No disease.

FRENCH LACE, Fl. (Warriner '81). W (w), Ivory, pastel apricot to white, 30 petals, AARS '82. Blyth (1 pl 1 yr 1', Ont): Beautiful blooms, excellent form, very good substance, borne singly and in clusters - I'm impressed with the abundance of bloom on this strong growing healthy plant which makes an excellent show all season. No disease, needs winter protection. Hopkins (1 pl 4 yrs 3', Ont): Creamy white bloom, top exhibition plant, excellent substance, long lasting, fragrant - this rose is a winner. Disease resistant,

hardy. Mathieson (2 pls 3 yrs 2'6", B.C.): Small bloom, exhibition HT type form, good substance, in small sprays, some fragrance - exquisite. Short growth habit, a little mildew. Ouellette (2 pls 4 yrs 2'3", Que): HT form with frilled edges, thick substance, holds its form for days, borne in singles and clusters. Wonderful rose - only fault is I expect more blooms. It's still a favourite for floral work. Nothing serious in diseases, hardiness good. Pearson (1 pl 1 yr 4', B.C.): HT type exhibition quality bloom, substance is smooth, full and firm. Superb example of exhibition and garden - rating of 9.9 - will plant more. Foliated from top to bottom, disease free so far. Schultz (6 pls 1 yr 12", Alta): Pastel apricot colour, very slow grower. Late planting and never did take off - nursery supplied very poor plants. Will be interesting to see how these winter. (Last year for reporting this rose).

GERALDINE, Fl. (Pearce '84). No reports.

GOLDMARIE '82, Fl. (Kordes '84). DY (dy), deep yellow, red on reverse of outer petals, 35 petals. Bouwman (1 pl 1 yr 3'6", Alta): Bloom changes colour from deep yellow to orange yellow combination, not very good for exhibition, good substance. Good growth habit and foliage, no disease, a good winter survivor.

HANNAH GORDON, Fl. (Kordes '83). PB (pb), white with deep pink petal edges, 35 petals. Brown (1 pl 2 yrs 3', B.C.): Colour quite similar to Tabris, Len Turner, Nicole, Handel etc. Semi-double decorative form, excellent substance, tall upright growth habit, dark green foliage, no disease.

HARKNESS MARIGOLD (HARTOFLAX in MR 9), Fl. (Harkness '86). OB (ob), 35 petals. Flood (4 pls 1 yr 3', Ont): Peach pink/salmon blend - unusual colour. Full high centred exhibition form, strong substance, strong clusters, repeats well. Tall grower like Anne Harkness, excellent foliage, no disease. Yeomans (1 pl 2 yrs 3', B.C.): Little bloom even after 2 years but healthy bush is developing nicely - those English roses often take 3 years to mature.

HEDGEFIRE, Fl. (mini-flora). (Kordes intr. '83, not reg'd). MR. Brown (1 pl 1 yr 2'6", B.C.): Semi-double bloom, open form, good substance. Very lax growth, too weak and spreading - just another red floribunda - will get rid of it.

HEIDESOMMER, Fl. (Kordes '85). W (w), 20 petals. Brown (1 pl 1 yr 2', B.C.): Semi-double bloom, open form, good substance, very short grower, some mildew. Not much going for it - will discard.

HIROSHIMA'S CHILDREN, Fl. (Harkness '85). YB (yb), light yellow/petals edged pink, 35 petals. Cochran (3 pls 3 yrs 4', CA): Rich

creamy yellow & pink margin that deepens as it ages and gives spectacular colour effect. Beautiful HT exhibition form, excellent substance, borne with 5-6 blooms in a spray and many one bloom per stem - great Show rose and one of my best floribundas. Upright branching growth habit, matt medium green foliage, no disease so far.

IMPATIENT, Fl. (Warriner '84). OR (o-r), 20-25 petals. Mychaluk (1 pl 1 yr, medium, Alta): Beautiful individual little blooms, excellent substance, in clusters and singles, always in bloom - I really like this one, one of the best in this colour class. Its name fits - seems like it's always in a rush to produce new blooms. Vigourous growth habit, shiny dark green foliage, no disease. Shewchuk (2 pls 3 yrs 2', Alta): 3" bloom, long lasting, doesn't fade easily, borne in large sprays, slightly fragrant - a good reliable floribunda, very showy, lots of colour in the garden. No disease, hardy with my method of winter protection.

INNER WHEEL, Fl. (Fryer's Nursery '84). (pb), carmine edged rose pink, 22 petals. Brown (1 pl 3 yrs 3', B.C.): Pointed bud, decorative form bloom, excellent substance, good repeat, floriferous, blooms in clusters, slight fragrance. Beautiful all round decorative plant. Bushy well shaped plant, generous basal growth, abundant dark red matt foliage - turns medium green, very healthy appearance.

INTERNATIONAL HERALD TRIBUNE, Fl. (Harkness '84). (m), violet-purple, 20 petals. Cochran (1 pl 3 yrs 2', CA): Rich violet-purple with white/yellow centre, decorative form, opens flat, excellent substance, very large clusters of blooms borne very close together - look best fully open. Fragrant, floriferous - an outstanding rose. Bushy grower, medium green leathery foliage, no disease so far.

INTRIGUE, Fl. (Warriner '84). M (m), reddish-purple. 20 petals, AARS '84. Lacroix (2 pls 4 yrs 2'6", Que): Colour fades to a very ugly greyish purple, fair form, best 1\2 open but not exhibition, fair form, excellent fragrance. Good garden rose - stands out planted next to Sunsprite. Good growth habit, excellent foliage, no disease, hardiness is good. Porter (1 pl 1 yr 22", Sask): Plum red to purple, large double bloom, cupped form, good substance, in small clusters, good repeat bloom. I chose this one for fragrance and was pleased, however, I dislike the white streaks in the petals. No disease. Schultz (1 pl 1 yr 18", Alta): Poor form, opens very quickly, poor substance, does not hold petals and colour fades. I'm 'intrigued' as to how this variety got an AARS rating - without a doubt, the poorest in my garden and I will replace it in the Spring.

INVINCIBLE, Fl. (De Ruiter '82). DR (dr), 20 petals. Duskin (1 pl 3 yrs 4', OR): Large bloom, high centred classic exhibition HT form, excellent substance, too few clusters for exhibiting but each individual flower has

excellent shape and wins repeatedly in 'single stem floribunda' class. Outstanding colour. Tall upright vigourous grower, dark shiny foliage, no disease.

KORICOLE (NICOLE), Fl. (Kordes '84). PB (pb), white with pink petal edges, 35 petals. Cochran (2 pls 3 yrs 4'6", CA): HT form, great crisp substance. Delightful rose for exhibition, garden colour, and flower arranging. Love the colour - looks almost artificial. Upright grower, large dark semi-glossy foliage, no disease.

LANCASHIRE LIFE, Fl. (DeRuiter '84 - Fryer's Nursery). OR (o-r), scarlet. Duskin (1 pl 3 yrs 2'6", OR): Semi-double decorative form, excellent substance, bright orange garden bloom constantly covered with colour - should prove a very good bedding plant. Short bushy grower, dark thick foliage, very disease free.

LAUGHTER LINES, Fl. (Dickson '87). PB (pb), hand painted medium pink/white, RNRS Gold Medal. Cochran (1 pl 1 yr 3', CA): Decorative form, wide notched petals, very good substance, unique hand-painted colour changes as blooms age. In sprays of 8-9 blooms. Low bushy grower, dark green glossy foliage, no disease if sprayed. Duskin (4 pls 2 yrs 2'6", OR): Red blend here, one of the better hand-painted roses in this area, often has a yellow centre. Open semi-double bloom, decorative form, excellent substance, blooms come constantly throughout summer. Slight blackspot.

LAVENDER DREAM, Fl. (Inter Plant, intr. '84 by Hortico). No reports.

LEN TURNER (DAYDREAM), Fl. (Dickson '84). RB (rb), ivory petals flushed and edged carmine, 35 petals. Mathieson (1 pl 2 yrs 3', B.C.): Flat cupped form, good substance, good repeat. Not quite as good or vigourous as Tabris, otherwise very similar. Medium size bushy plant, good foliage, slight mildew.

LORENA, Fl. (Kordes '83). No reports.

MACBIGMA (RED HOT), Fl. (McGredy '88). PB (pb). Eyvindson (1 pl 1 yr 1', Man): Pale pink edged with magenta, small frilled bloom, substance poor in heat. Needs to be established before I can form an opinion. Compact grower, small healthy foliage.

MARY DONALDSON (LADY DONALDSON), Fl. (Cants '84). MP (mp), medium salmon pink, 40+ petals. Brown (1 pl 2 yrs 3', B.C.): Double bloom, exhibition form, good substance, one per stem early in season - a good garden rose with good repeat. Upright grower, medium green foliage, no disease.

MOUNTBATTEN, Fl. (Harkness '82). MY (my), 45 petals. Balcom (2 pls 2 yrs 4'6", Ont): Exhibition form, fair to good substance, borne singly and in sprays - a beautiful rose which was chosen for Lady Di's bridal bouquet. Upright grower, dark green foliage, no disease, hardiness excellent. Caldwell (1 pl 2 yrs 3', Ont): Yellow with tinge of pink on edges of petals, quite small bud opening to surprisingly large bloom, incurving cup shaped form, petals are loose and substance thin but a good garden rose. Spreading upright grower, interesting foliage - bronzy tinge, texture has a 'quilted' look. No disease, hardiness is good. Duskin (2 pls 4 yrs 5', OR): Large bloom, high centred form turning globular, excellent substance, coming singly or in small clusters, always some colour. Colour and substance unaffected by rain or dampness, also good for cutting. Should be reclassified back to Shrub. No disease. Freeman (1 pl 4 yrs 5', Ont): Yellow, sometimes with a faint pink edge, cupped bloom, very decorative, very attractive, good repeat - a super garden rose. I lost half my roses during this past awful winter and those that survived didn't produce the usual amount of bloom this very hot summer, but Mountbatten was the same as always, flush after flush of lovely pale yellow blooms, gorgeous leaves, on tall healthy canes and not a bit of winter damage - thank you, Jack Harkness!. No disease - ever. Hopkins (1 pl 4 yrs 5-6', Ont): Double bloom, flat loose form, good substance, but strictly garden. Nice fragrance and colour. Disease resistant, hardy. Jubien (3 pls 4 yrs 42", Que): Good double blooms in early summer and fall. I have always liked this 'soft' yellow rose - doesn't like hot weather. Decorative form, good substance, no disease, hardiness excellent. Mathieson (12 pls 4 yrs 7-8', B.C.): Very double, very large blooms in huge sprays, cupped form when open, good substance, fragrant. One of the finest garden or hedging roses, healthiest and most vigourous floribunda I have ever seen - a must! If on Laxa stock it needs 3+ years for full height. Flawless foliage, absolutely disease free. Ouellette (2 pls 3 yrs 4'6", Que): Large cupped loosely formed bloom, medium substance, opens quickly and slight fading, singly and in clusters. Rapid grower, always in bloom - more like a spindly shrub than a floribunda. Blooms from early spring till end of season. Blooms don't last long as cut flowers. No disease, hardiness excellent. Shewchuk (2 pls 4 yrs 2-3', Alta): Large 3-3 1\2" bloom, rounded form, sweet fragrance, mimosa yellow colour. No disease, hardy with my method of winter protection. Wade (5 pls 5 yrs 3'6", Ont): Exhibition form, excellent substance, good repeat bloom. One of our favourite floribundas - has performed very well in competition. Very disease resistant, hardiness excellent. Yeomans (1 pl 3 yrs 6', B.C.): Unfading yellow, beautiful foliage. Have seen a hedge of this - gorgeous.

NATALI, Fl. (Tantau '81). No reports. (Last year for reporting this rose).

ORANGE WAVE, Fl. (Kordes intr. '83, not reg'd). OB (ob). Freeman

H.C. ANDERSON (Floribunda)
(Poulsen, 1987)

'H.C. Anderson' is a dark red floribunda that looks exceptionally well in the garden. The flowers have a nice spicy fragrance and the bloom repeats quickly.

Larry Sherk, of Sheridan Nurseries, brought this variety to our attention when we were looking for winter hardy new cultivars. Sheridan's original plants are now several years old, and all have survived the last two winters, without any winter protection, in an open field at their Glen Williams Farms, north of Toronto.

(1 pl 1 yr 2', Ont): Bright red-orange, semi-double frilly open bloom, good substance, not exhibition but long lasting. Loads of bloom, wonderful in the garden, lights up the front of the bed. Seems to do well in hot or cool weather - think I really like this one. Neat plant, no disease. Grindle (1 pl 2 yrs 2'6", Man): Beautiful semi-double orange bloom, fairly good substance. This rose is covered with blooms in early July and repeats throughout the season. No disease, very hardy.

PFALZER GOLD, Fl. (Tantau '82). (dy), 20 petals. Brown (1 pl 2 yrs 3', B.C.): Cup shaped form, decorative garden variety, good substance, some singles of good form early in season, candelabra later. Upright growth habit, medium green foliage.

PLAYGIRL, Fl. (Moore '86). No reports.

PRINCESS ALICE (ZONTA ROSE), Fl. (Harkness '85). MY (my), 24 petals. Mathieson (3 pls 3 yrs 6-7', B.C.): Medium size frilly blooms in huge sprays (can cut 3'-4' spray stems!), cupped form, very good substance. Superb garden and exhibition rose, blooms somewhat later in Spring than some other floribundas. Better disease resistance than its parent, Anne Harkness, but very similar size and shape. Excellent foliage.

PRINCESS MICHAEL OF KENT, Fl. (Harkness '81). No reports. (Last year for reporting this rose).

RAF BRAECKMAN, Fl. ('85 - not reg'd). OB (ob). Brown (1 pl 1 yr 2'6", B.C.): Double decorative form bloom in sprays of 6 or 8, good substance - an excellent rose so far and what an orange colour - WOW! Upright bushy growth habit, dark green glossy foliage, no disease.

REDWOOD, Fl. (McGredy intr. '87, not reg'd). (rb), red/white eye. Baillie (1 pl 1 yr 20", Ont): Single bloom, good substance. Hasn't done too well for me - may be its position. Short growth habit, good disease-free foliage, hardiness is good.

ROSALI '83, Fl. (Tantau '83). No reports.

ROSE MARIE, Fl. (Delbard). Raspberry rose, listed in White Rose Catalogue. Freeman (1 pl 2 yrs 2', Ont): Colourful frilly bloom, good substance, repeats quickly, lasts and lasts in any weather. You can see it from all over the garden - I really like this one as a decorative rose. Short bush, hardiness is good.

ROSEROMANTIC, Fl. (Kordes '84). No reports.

SEAFARER, Fl. (Harkness '86). OR (o-r), 30 petals. Flood (4 pls 1 yr 2'6", Ont): Very bright, dark orange red colour, non-fading, great form and substance, clusters well, blooms on the large side. Spreading growth habit, excellent foliage, no disease.

SEXY REXY, Fl. (McGredy '84). MP (mp), medium pink to light pink, 40+ petals, Gold Star NZ '84. Archibald (1 pl 1 yr 15", Sask): Light pink or shell pink, large very double bloom , decorative somewhat flat form, excellent substance, blooms nearly continually. I am finding it difficult to assess my roses this year on account of severe hail in June which set them back to day one. Short bush, no disease. Brown (1 pl 3 yrs 3'6", B.C.): Decorative/exhibition form, very double bloom, excellent substance, a very good rose for all purposes - one of the best floribundas introduced in recent years. No disease. Caldwell (1 pl 2 yrs 2'6", Ont): HT form opening to flat bloom, petals make a lovely pattern - very regular and circular. Good substance, blooms last a long time, comes in clusters. Compact upright grower, dainty small leaflets with red tinge - very attractive, no disease, hardiness is good. Decker (1 pl 3 yrs, short, AK): Exhibition form, excellent substance, pleasant colour, in heavy sprays - too heavy with rain - have to be tied up. No discolouration in rain, blooms stay on plant a long time so lots of colour. No disease. Flood (2 pls 1 yr 2', Ont): Many petalled blooms, excellent form, excellent substance, clean light pink colour, grows in heavy clusters - think this is an excellent floribunda. No disease. Freeman (2 pls 2 yrs 2', Ont): Huge trusses of little pink powder puffs, not exhibition but what a garden effect. If you use roses for landscaping effect, try this one. Only fault is the long pause between the huge June flush and the Fall one, but it was better the second year. Hopkins (1 pl 3 yrs 2'6"-3', Ont): Medium size blooms, exhibition form, excellent substance, some singles but mostly in clusters, fragrant. This rose is a winner - very showy in the garden, vigourous - highly recommended. Disease resistant, hardy. Kopecky (1 pl 1 yr 2', NE): Many petalled bloom, cupped flattish form. The huge clusters sometimes almost cover the plant - would be an excellent mass planting rose - one of the better new floribundas. No disease noted. Mathieson (2 pls 2 yrs 3-4', B.C.): Medium size frilled bloom, exhibition sprays - very well spaced, good substance, very attractive. Highly recommended. No disease. Pearson (1 pl 2 yrs 4', B.C.): Decorative type, good substance - stands up to rain, blooms in clusters of 5 per spray, floriferous, good repeat too. Another great McGredy rose and we don't care if he called it Sexy Rexy!! Loads of foliage, disease resistant so far. Smallenberg (1 pl 2 yrs 2'6", B.C.): Rich shell pink, pretty little buds open into 2 1\2" flat blooms, hold their form for days, excellent substance. An outstanding variety, completely rain tolerant, both large and small sprays of exquisite roses - a favourite. No disease. Stanton (1 pl 3 yrs 2', Ont): Small decorative form bloom, good substance, very floriferous, repeats frequently and many sprays. Lives up to its name - very appealing - it is a rosarian's

delight. Strong grower, disease resistant, very hardy. Yeomans (2 pls 3 & 1 yr 3' & 2'6", B.C.): Beautiful trusses of pink flowers, remontancy has not been good. Healthy.

SHONA, Fl. (Dickson '82). No reports.

SHOWBIZ, Fl. (Tantau '81). MR (mr), bright medium red, 20 petals, AARS '85. Mathieson (2 pls 2 yrs 2', B.C.): Bright attractive bloom, medium size, semi-double, cupped flat form, good substance, excellent short red floribunda for front of bed but too short for exhibition, almost no fragrance. Compact bushy grower, good foliage, no disease. Mychaluk (1 pl 1 yr, low, Alta): For me it is dark red. Clusters with ruffled petals, reminds me of the 'can-can' petticoats of the '50s, excellent substance, constant bloom. Some blackspot. Schultz (1 pl 1 yr 23", Alta): Nice tight bud opens slowly to good form with stamens showing, good substance, holds petals well. Colour from deep to bright red. Slow to start, came on in Fall - should be a good one if it is winter hardy, no disease. Shewchuk (2 pls 4 yrs 2', Alta): 2 1\2-3" semi-double bloom, opens flat, good substance, in large clusters, long lasting in garden and as cut flower, does not fade, slight sweet fragrance - I am impressed with this rose. Hardy with my method of winter protection. Yeomans (1 pl 4 yrs 3', B.C.): Good producer of big red trusses. Flower are not fantastically beautiful but a bright spot of colour in the garden and useful for medians on roads. (Last year for reporting this rose).

SUMMER FASHION (ARC DE TRIOMPHE), Fl. (Warriner '85). YB (yb), light yellow edged pink, 20 petals. Brown (2 pls 2 yrs 3', B.C.): Exhibition HT form and size, good substance, mostly one per stem, trusses later in season - could be entered as specimen bloom. Bushy grower, medium green foliage, no disease. Decker (1 pl 2 yrs, low, AK): White with pink and yellow but mostly white in our climate. Like a small HT, excellent substance, fragrant, long lasting as a cut flower. lst year - no bloom, 2nd year - only singles, 3rd year - maybe I'll get a spray. Mildews.

SUN FLARE, Fl. (Warriner '83). MY (my), 27-30 petals, AARS '83. Heaslip (1 pl 5 yrs 3 1\2', B.C.): Colour holds in sun, attractive stamens, flat decorative form, 3-12 per cluster, slight fragrance. Compact growth habit, dark green glossy foliage, no disease.

SWEET NELL, Fl. (Cocker '84). No reports.

TABRIS (RASPBERRY ICE in US), Fl. (Kordes intr. '86, not reg'd). RB (rb). Baillie (1 pl 2 yrs 2'6", Ont): Flattish 3" blooms in clusters, hold colour quite well, good substance, blooms well Spring and Fall - didn't like this year's heat much. Some blackspot, hardy. Brown (3 pls 2 yrs 4', B.C.):

White and cream/pink and red edges - a gorgeous plant that puts out huge trusses, decorative form, excellent heavy substance, floriferous and repeats quickly. A very strong healthy grower. Caldwell (1 pl 2 yrs 3', Ont): Creamy white, petals edged red. Individually flat loose form but layered look of red on white is very striking, produced in clusters, long lasting - am always photographing this rose. No disease, hardiness is good. Chambers (1 pl 1st yr 4', N.S.): Long buds open to large flat semi-double blooms in clusters and singles, slightly ruffled, very good substance. I included Tabris in my rose order March 1987 after hearing the Judges at the Toronto Rose Show '87 making favourable comments about it. Planted in early May '88 Tabris displayed a pleasing attractive show bloom Late July '88 - hoping for earlier blooming in '89. No disease, hardiness excellent. Hopkins (1 pl 2 yrs 3', Ont): Semi-double exhibition form bloom, excellent substance, opens fast but blooms long lasting, somewhat like Handel. Disease resistant, hardy. Kopecky (1 pl 1 yr 3', NE): High centred exhibition form, fast opening, excellent substance - an outstanding floribunda for me and colour is an eye catcher. Shows well and catches the judge's eye too. Not registered in US but should be. No disease so far, hardiness very good. Mathieson (2 pls 2 yrs 3-6', B.C.): Semi-double good size bloom, flat form, good substance, very attractive 'hand painted' type, very good sprays. Highly recommended. No disease so far. Schultz (1 pl 1 yr 18", Alta): Marginal form, bloom opens quickly, average substance, not profuse. Very similar to Regensburg but colour and form not as good. No disease. Yeomans (1 pl 2 yrs 4', B.C.): Beautiful flowers. Healthy with spraying. Needs another year to mature.

THE TIMES ROSE (MARIANDEL) (CARL PHILIP), Fl. (Kordes '87, not reg'd). DR (dr). Archibald (1 pl 1 yr 24", Sask): Blood red, at times dark red - lovely. Large very double bloom, exhibition HT form, excellent substance, excellent blossoms but too few this year. Low bushy grower, no disease. Baillie (2 pls 3 yrs 20", Ont): Never out of bloom, very floriferous and non fading. 2 1\2" bloom, flat form, good substance - a great floribunda. No disease, hardiness is good. Brown (1 pl 2 yrs 3', B.C.): Double bloom in large trusses, good substance - an excellent red as good if not better than Europeana. No disease. Eyvindson (1 pl 2 yrs 18", Man): Decorative form, few petals, rather sparse bloom, excellent substance - worth growing. Disease free so far, hardy. Hopkins (1 pl 2 yrs 2'6"-3', Ont): Garden form, good substance, borne in clusters, prolific bloomer, slight fragrance. Disease resistant, hardy.

VIERLANDERIN, Fl. (Kordes '82). MP (mp), medium salmon pink, 35 petals. Cochran (2 pls 6 yrs 4'6", CA): Colour very stable in all weathers, exhibition blooms with very sharp quilled petals, excellent substance. Borne in perfect Show sprays of 3-5 and 6-8, and singly on long stems, last very long in garden or as cut bloom. Floriferous, very fragrant - charming in all

respects. Upright branching growth habit, new foliage is reddish, maturing to glossy green, no disease. Lemire (3 yrs 3', Ont): 2 1\2" bloom, perfect exhibition form, great substance. In the garden I've never seen so many flowers on one plant. No disease, hardiness very good.

VOLUNTEER, Fl. (Harkness '86). YB (yb), 35 petals. Flood (4 pls 1 yr 2', Ont): Yellow/pink blend, like a small edition of Peace - eye catching, says "Look at me." Great high centred form, great substance, many clusters, some single blooms, repeats well. Neat tidy growth habit.

WANDERING MINSTREL (DANIEL GALIN), Fl. (Harkness '86). No reports.

WISHING (GEORGIE GIRL), Fl. (Dickson '84). No reports.

LARGE FLOWERED CLIMBERS

BREATH OF LIFE, LCl. (Harkness '82). No reports.

GOLDENER OLYMP (OLYMPIC GOLD), LCl. (Kordes '84). DY (dy), 20 petals. Brown (1 pl 3 yrs 10', B.C.): Nice colour, double, large trusses of about 25 blooms, good substance. Stiff upright grower, dark green foliage, no disease.

HENRY KELSEY, LCl or S (Kordesii) (see report below). (F. Svejda '84). MR (mr), 28 petals. Agriculture Canada Experimental Farm, Indian Head, Sask. (1 pl 4 yrs 5'). Light red, semi-double bloom, cupped form, fair substance, in clusters, not profuse but fairly continuous, orange hips in Fall. Very thorny canes but good vigour considering drought stress. Shows more climbing habit than other Explorer series roses and is a bit unmanageable as a bush, could use more blooms. Arching growth habit, needs support, glossy foliage, severe blackspot, kills back 50-80%.

JOHN DAVIS, 'Pillar' rose or S (Kordesii) (see report below). (F. Svejda '86). MP (mp), yellow at base, 40 petals. Agriculture Canada Experimental Farm, Indian Head, Sask. (3 pls 4 yrs 3-5'): Rich pink fading to light pink, attractive. Fully double, flat form, good substance, continuous bloomer and fairly profuse. Husky arching growth, wider than tall, good vigour considering the severe drought, medium green foliage, no disease, very promising with good hardiness for this area.

KORINTER (ROSANNA), LCl. (Kordes '82). No reports.

ROSENRESLI, LCl. (Kordes '87, intr. '86). DP (dp). Brown (2 pls 1 & 2 yrs 12', B.C.): Small double bloom, high centred form, good substance,

in clusters. Excellent grower, 12 ft. canes in 1st year - could be a good new climber. Dark green glossy foliage, no disease.

WILLIAM BAFFIN, LCl or S (Kordesii) (see report below).
(Felicitas Svejda '83). DP (dp), 20 petals. Agriculture Canada Experimental Farm, Indian Head, Sask. (1 pl 4 yrs 5'): Single or semi-double bloom, usually 2 rows of petals, flat form like a wild rose, fair substance, fairly continuous bloom, not a profuse bloomer but seems to be fairly reliable. Petals nearly always have a white streak although this is not noticeable from a distance. Husky growth habit, like a shrub, dense, dark green shiny foliage, no disease. Some winter injury but not serious - no protection necessary.

SHRUBS

ALEXANDER MACKENZIE, S. (Svejda '85, intr. '84). MR (mr), 45 petals. Agriculture Canada Experimental Farm, Indian Head, Sask. (1 pl 4 yrs 4'): Light red fading to pink. Double flowers in small clusters, cupped form, fair substance, rarely in bloom. Disappointing performance this year but plant under drought stress. Slow growth in spring, flowers burned in summer's intense heat, gradually gained in vigour, several blind shoots in August/September. Touch of blackspot in late Fall, large leaflets, kills to 1'-1'6".

ANGELICA, S. (Kordes '84). No reports.

ANNA ZINKEISEN, S. (Hybrid Spinosissima). (Harkness '83). No reports.

BONICA '82, S. (Meilland '81). MP (mp), 40-50 petals, AARS '87. McLean (2 pls 2 yrs, B.C.): Excellent repeat flowers throughout the season, excellent as a standard (budded by myself in 1987, flowered 1988). Porter (1 pl 1 yr 17", Sask): Light pink, fading somewhat. Flowers very double, quite small, flat form, good substance, in good clusters. Bought in bloom as a greenhouse forced plant - adjusted fairly well to the hot summer. Fairly good fall blooms but not especially showy or interesting so far. Bushy grower, small dark green leathery foliage, no disease. Shewchuk (2 pls 2 and 1 yrs, 2', Alta): 3" double bloom, in large clusters. Suitable for low hedge, dark glossy foliage, subject to mildew, hardy with my method of winter protection. Stanton (1 pl 1 yr, less than 2', Ont): Small double bloom, pretty colour and form, not very floriferous. As it did not do much this year, I'm withholding judgement. (Last year for reporting this rose).

BREDON, S. (D. Austin '84). AB (ab), 40+ petals. Duskin (1 pl 1 yr 3', OR): Very full small bloom in 'old fashioned' shape (rosette), in large

clusters, excellent substance. Nice 'English Rose' - beautiful in arrangements. Short, upright, medium green foliage, no disease.

CARDINAL HUME, S. (Harkness '84). No reports.

CHAMPLAIN, S. (Kordesii). (F. Svejda '82). DR (dr). Agriculture Canada Experimental Farm, Indian Head, Sask. (1 pl 4 yrs 1 1\2'): Brilliant deep red - eye catching. Smallish flowers, cupped form, good substance, in clusters, fairly continuous bloomer. In spite of annual winter kill this one performs well (a bit slow in Spring). Drought may have restricted growth this year. Dark green foliage, moderate blackspot in fall (no spraying used), kills to near ground. Porter (1 pl 1 yr 13", Sask): Double bloom, cupped form, good substance, nearly always in bloom. My small plant had a slow start in Spring but bloomed well - hoping for more vigour next year. Colour is very pleasing. No disease.

CLAIRE ROSE, S. (English Rose). (Austin '86). LP (lp). Jubien (1 pl 1 yr 30", Que): Blooms much like Bourbons, very round and compact, good substance. Bushy growth habit, good foliage, no disease. I was very interested in this rose and it came through the winter of 1987-88.

ELVESHORN, S. (Kordes '85). MP (mp), 35 petals. Duskin (1 pl 3 yrs 3', OR): Decorative loose form, globular not full, excellent substance, comes in constant clusters. Excellent shrub or ground cover. Surprisingly it holds when cut. Good in big 'Victorian' arrangements. Spreading vigourous growth habit, dark green foliage, no disease.

FAIR BIANCA, S. (D. Austin '83, intr. '82). W (w), light yellow to white. Hopkins (1 pl 1 yr 3', Ont): Saucer shape double bloom, garden form, good substance, fragrant. Bushy grower, dark green disease resistant foliage, hardy.

HERITAGE, S. (Austin '84). LP (lp), 40+ petals. Duskin (1 pl 1 yr 4', OR): Cupped decorative form, good substance, medium size bloom in large clusters, constant bloom throughout season, outstanding fragrance. Vigourous tall growth habit, mid green flat foliage, slight blackspot. Jubien (1 pl 1 yr 30", Que): Double bloom, round form, good substance, quite fragrant. Another of David Austin's roses that certainly are different. One year is much too soon to evaluate this nice rose. Bushy grower, good foliage, no disease, hardiness OK.

LAVENDER DREAM, S. (Interplant '84, intr. '85). M (m), deep lilac pink, 16 petals. Cochran (2 pls 1 yr 4'6"-5', CA): Deep lavender pink buds open into a lighter pink-lavender. Round semi-notched petals with yellow centres, decorative form, very good substance, in lovely sprays, floriferous.

Upright bushy vigourous grower, light green foliage, very few thorns, no disease so far, hardy - will keep it.

LEANDER, S. (Austin 83). AB (ab). Armstrong (1 pl 1 yr 2', N.S.): Recurrent, seems more like a floribunda.
LUCETTA, S. (D. Austin, intr. '83, not reg'd). LP (lp). Hopkins (1 pl 2 yrs 4 1\2', Ont): Semi-double bloom, garden form, good substance. Spreading grower with strong arching branches, dark green foliage, no disease, hardy.

MARY ROSE, S. (D. Austin '83). MP (mp). Duskin (1 pl 1 yr 4', OR): Medium pink fading to pale pink but not unpleasantly. Large bloom, slightly cupped loose form, good substance, in fairly constant bloom. This year was spent in building the plant - expect better bloom next season. Tall vigourous grower, light green flat foliage, no disease.

MORDEN BLUSH, S. (Collicutt-Marshall '88). LP (lp). Porter (1 pl, 1 1\2', Sask): Blush pink fading to white. Double bloom, flat form, good substance, in clusters. Observed at PERA Shelterbelt Centre, Indian Head, Sask. - quite attractive, plan to get one when available.

MORGENROT, S. (Kordes '85). No reports.

OTHELLO, S. (Austin intr. '86, not reg'd). DR (dr). Duskin (2 pls 1 yr 3', OR): Large full bloom, very 'old fashioned' shape - an old rose in bright colours. Singly and in small clusters, continuous bloom, very fragrant. Upright grower, mid green foliage, no disease.

PERDITA, S. (D. Austin '83, not reg'd). LP (lp), Henry Edland Medal for Fragrance '84. Hopkins (1 pl 2 yrs 4'6"-5', Ont): Semi double bloom, garden form, good substance, borne in clusters, fragrant. Tall arching branches, dark green foliage, no disease, hardy.

PRETTY JESSICA, S. (D. Austin, intr. '83, not reg'd). MP (mp). Hopkins (1 pl 2 yrs 2'6", Ont): Very double bloom, 'old fashioned' form, petals drop cleanly, good substance, fragrant. Compact, dark green foliage, no disease, hardy.

RALPH'S CREEPER (HIGHVELDT SUN), S. (R. Moore intr. '87, not reg'd). No reports.

RHEINAUPARK, S. (Kordes '83). MR (mr), 20 petals. Hopkins (1 pl 2 yrs 4'6", Ont): Double bloom, garden form, good substance, long lasting. Vigourous grower, arching branches, thorny, dark glossy foliage, some blackspot, hardy.

ROMANZE, S. (Tantau '85). No reports.

TAMORA, S. (English Rose), Austin intr. '83, not reg'd). AB (ab). Hopkins (1 pl 2 yrs 2'6", Ont): Semi-double large peony-shaped flowers, garden form, good substance, beautiful apricot colour. Bushy grower, dark green foliage, no disease, hardy.

THE SECKFORD ROSE (PINK ROBUSTA), S. (Kordes '87, intr. John Mattock '88). No reports.

WENLOCK, S. (D. Austin '84). MP (mr), 40+ petals. Duskin (1 pl 1 yr 4', OR): Light to medium red, cupped full blooms coming regularly all season in small clusters, fair substance, blooms don't last on bush - after first day they lose substance and colour. Very fragrant. Upright vigourous grower, dull dark green foliage, no disease.

WESTFALENPARK, S. (Kordes '87, intr. '86). No reports.

WINDRUSH, S. (D. Austin '84). MY (my). Chambers (1 pl 1st yr 4', N.S): Lemon yellow, large semi-double single blooms. Exquisite, resembling Golden Wings in colour, deep gold stamens. Round buds open slowly, good substance, fragrant. Disappointing as to blooms - very sparse. Maybe it was the very dry season in Nova Scotia - hope it improves in 1989. Strong but slow grower, dark green foliage, no disease as yet, hardiness is good so far. Hopkins (1 pl 1 yr 2'6", Ont): Lovely large semi-double blooms, garden form, excellent substance. Upright grower, dark green foliage, no disease. Unusual - this plant must have special foliage as it was almost eaten alive. Hardy.

MINIATURES

ACEY DEUCY, Min. (Saville '82). MR (mr), 20 petals. Archibald (1 pl 2 yrs 7", Sask): Dark smokey red, velvety. A lovely little rose, lots of perfect buds and blossoms. Exhibition form, excellent substance, blooms all season. Low strong bush, nice textured foliage, no disease, hardy. Brown (8 pls 3 yrs 12", B.C.): Exhibition form, good substance, another reliable mini for bowls - mostly 1 to a stem in early season, sprays later as new canes come up. Spreading grower, dark green foliage, no disease, hardy. Raithby (1 pl 5 yrs 16", Ont): Attractive bloom, deep red on reverse of petals, almost black. High centred HT form, good substance. Blackspot, winter hardy. Roberts (1 pl 4 yrs 10", Ont): High centred form bloom, 1" fully open, good substance, sparse bloomer but plant was moved 3 times in 3 years - bloom quantity should improve and plant should be bushier. Blackspot, hardiness is good.

ALWAYS A LADY, Min. (Bennett '88). M (m). Cochran (3 pls 1 yr 12-14", CA): Lilac-lavender, stable in most weather, warmer colour than Sterling Silver. Exhibition form, good substance, mostly 1 to a stem and a few sprays - another year will make a difference. To keep blooms small I use 1 tsp of liquid kelp to 2 quarts water to keep the green and withhold some of the nitrogen. Mildews lightly - must be sprayed. Upright compact grower, medium green foliage.

ANN MOORE, Min. (Moore '81). OR (o-r), 30 petals. Raithby (1 pl 3 yrs 25", Ont): High centred form, silken petals of excellent substance, in sprays or singles - a gorgeous bloom. Very tall bushy grower, shiny foliage, some blackspot, has been out 3 winters with little protection. (Last year for reporting this rose).

APRICOT CHARM, Min. (Williams '86). AB (ab), 45 petals. Magee (1 pl 1 yr 14", Ont): Unusual deep apricot colour, yellow base, short HT bud, fine form and good substance, very double, lots of repeat bloom - a favourite. Bushy grower, disease free.

APRICOT MIST, Min. (Saville '87). AB (ab). Raithby (1 pl 1 yr 6", Ont): Small double bloom, poor substance - not impressed thus far. Few blooms and sparse foliage - hoping for better things next year - colour should be impressive. Blackspots.

ARIZONA SUNSET, Min. (Jolly '85). YB (yb), light yellow flushed orange-red, 20 petals. Magee (1 pl 3 yrs 24", Ont): A worthwhile colour novelty - striking. Good HT form, rather urn shaped, good substance. Open bloom, not too many petals. Tall leggy grower, not bad for disease, hardy.

BABY DIANA, Min. (Saville '86). AB (ab), orange red/yellow reverse, 20 petals. Mychaluk (2 pl 2 yrs, med, Alta): Possible exhibition, OK substance, slow repeat - nothing exceptional. No disease, hardiness questionable.

BEAUTYGLO, Min. (Williams '85). LP (lp), 35 petals. Magee (1 pl 2 yrs 14", Ont); Long beautiful HT bud, nice form bloom, colour varies a bit with the weather, a little soft and can be weather damaged easily. Could bloom a bit more. Bushy grower, a little blackspot, hardy. Roberts (1 pl 3 yrs 12", Ont): Light pink, outer petals almost reddish with cool temperatures, very double bloom, elegant, perfect HT form, excellent substance - gorgeous - could give Minnie Pearl competition for Best in Show. Always a few blooms. Spreading growth habit, dark semi-glossy foliage, bit of blackspot, hardiness is good.

BLACK JADE, Min. (Benardella '85). DR (dr), 35 petals. Award of

Excellence '85. Cochran (3 pls 2 yrs 25-28", CA): Dark red blooms with a black velvety texture, high centred exhibition bloom, petals taper to a point, heavy substance, borne in large clusters and many 1 per stem. Very rangy plants - best to pinch new growth to develop better plant habit, beautiful foliage, no disease problems. Kopecky (3 pls 3-4 yrs 18", NE): High centred exhibition bloom, excellent substance, produces an abundance of single and multiple blooms that win blue ribbons - an A plus mini. No disease, plant takes a little additional winter cover here. Mychaluk (1 pl 1 yr, low, Alta): One bloom - sweetheart size - poor form, poor everything else - a waste of money. Porter (1 pl 4 yrs 20", Sask): Very dark red, often black-red, exhibition form, excellent substance, opens slowly, borne singly or in small clusters, keeps well when cut. A favourite because of the unique colour - not as floriferous as in previous years. Upright open growth habit, rather sparse dark green foliage, no disease, hardy with protection. Raithby (1 pl 1 yr 17", Ont): Deep red/black velvety petals - gorgeous. High centred HT form, good substance, in sprays and singles. Mildews. Wade (2 pls 2 yrs 10", Ont): Very large double bloom - sweetheart type, exhibition form, great substance until they're half open, slow to bloom then poor repeat. Not impressed with this rose - just seems to lack lustre.

BLUEBLOOD, Min. (Laver '82). DR (mr), 55 petals. Balcom (2 pls 5 yrs, low, Ont): Decorative form, good to excellent form, long lasting - a hardy little rose, great for borders. Low compact growth habit, no mildew, hardiness excellent. Freeman (1 pl 3 yrs 8", Ont): It took a year to get established but now it's a good dependable workhorse, lots of bloom, good substance. Some mildew.

BLUSHING BLUE, Min. (Rennie '88). MB (mb). Raithby (1 pl 1 yr 17", Ont): Lavender with 'blushing' pink edges - very showy. Ovoid bud, high centred bloom, good substance, many blooms, in sprays and singles. Very vigourous growth habit over 1 summer - bush spreads on ground as well as upright shoots, dark green foliage, no blackspot so far.

BONHOMME, Min. (Laver '86). W (w). Porter (1 pl 3 yrs 9", Sask): Exhibition bud, very good substance, borne singly. Was nearly killed 86-87 and only about 3" tall last year, killed to ground in 87-88 but came from below ground to make a good little bush this year, blooming lightly. Ample watering helped improve vigour, will see if it stays that way.

BRIAN LEE, Min. (Bennett '86). MB (mb), dark red aging mauve, 28 petals. Duskin (1 pl 2 yrs 2', OR): Different colour on coast - not really mauve and not really red. Exhibition form, excellent substance, blooms come in cycles, pleasing. Very vigourous upright grower, dark green thick foliage, no disease.

CALIFORNIA DREAMING, Min. (B. Rennie '87). MR (mr), 28 petals. Roberts (2 pls (1 inside, 1 outside) 1 yr 14", Ont): Medium red, reverse lighter, some white streaking. 1" exhibition form blooms - bush covered and quick repeat, excellent substance. Very decorative plant especially with reddish prickles - blooms its head off. Quality of bloom is hopeful for Show table given a judge that knows the cultivar normally has white streaks. Symmetrical bushy grower, semi-glossy foliage, no disease so far. Enjoy it all season.

CALIFORNIA GIRL, Min. (B. Rennie '87). AB (ab), apricot/reverse yellow blend, 28 petals. Freeman (1 pl 1 yr 8", Ont): Nicely shaped and sized bloom, good substance, very pretty colour combination. Only criticism is that it doesn't age nicely - turns brown and bloom doesn't drop off. Spreading growth habit, some blackspot. Magee (1 pl 2 yrs 14", Ont): Attractive HT bud and open bloom - a little smaller than average, good substance, quite good repeat bloom. Bushy grower, foliage in proportion, quite disease free, hardy.

CAPE HATTERAS, Min. (Bridges '88). W (w). Cochran (2 pls 1 yr 14-18", CA): White with soft pink shading in the centres, creamy yellow at base of petals, great star-quilled exhibition form, good substance, borne mostly singly, good blooming cycles - a winner. Have ordered more.

CARIBBEAN QUEEN, Min. (Rennie '87). R (r), apricot copper, reverse yellow, 33 petals. Raithby (1 pl 1 yr 18", Ont): Very attractive colour combination, exhibition form but opens flat, excellent substance, lots of bloom once established - nice addition to any garden. Upright bushy symmetrical grower, small foliage, does mildew.

CENTER GOLD, Min. (Saville '81). DY (dy), 60 petals. Kopecky (1 pl 1 yr 24", NE): High centred bloom, sometimes exhibition form, very good substance, loads of bloom all season long. One of the better yellow minis - does very well for me. Upright grower, some blackspot, hardiness very good if protected. Pelham (1 pl 2 yrs 20", N.S.): Beautiful golden yellow bloom. Nice HT-like buds but nondescript form bloom. Upright grower, fine foliage, no problems yet with disease or hardiness. (Last year for reporting this rose).

CENTERPIECE, Min. (Saville '85). MR (mr), 35 petals, Award of Excellence '85. Porter (1 pl 3 yrs 8", Sask): Mostly cupped form, good substance, double blooms borne singly and only occasionally. Has not been vigourous - tea water seemed to help its vigour this year. Dark green matt foliage, no disease, kills to ground with protection.

CHEER UP, Min. (Bennett '86). OB (ob), deep orange, 28 petals. Duskin

(3 pls 2 yrs 18", OR): Mostly exhibition form, excellent substance, mostly on single stems in great numbers. Such a sad story goes with this rose! Very good garden and cut rose, in constant bloom - hard to be without it. Vigourous grower, mid-green foliage, no disease. Magee (1 pl 1 yr 18", Ont): Good HT form bud and bloom, but open bloom not too heavily petalled, good substance, reliable producer, blooms often on long shoots (1st year), healthy.

CINNAMON TOAST, Min. (Saville '86). R (r), 28 petals. Grindle (2 pls 2 yrs 12", Man): Burnt orange colour, very poor bloom, poor growth. This rose did not do well for me, one didn't survive the winter.

COPY CAT, Min. (Moore '86). MP (mp). Mychaluk (1 pl 2 yrs, med. Alta): It may be similar to Beauty Secret but that is like saying that Phyllis Diller and Dolly Parton are similar because they're both blondes. Poor in all respects.

CORNSILK, Min. (Saville '83). MY (my), 40 petals. Brown (3 pls 3 yrs 18", B.C.): Pale yellow decorative form bloom, poor substance. Vigourous healthy plants but will discard as blooms fail to open nicely - maybe our climate. No disease.

CRIMSON MOSS, Min. (Moore '88). (dr). Duskin (2 pls 1 yr 24", OR): Bright crimson semi-double blooms, crisp petals, open to show bright yellow stamens. Decorative form, excellent substance, very mossy, opens under all weather conditions, lasts well when cut - best moss mini so far. Very vigourous grower, thorny little devils, large dark shiny foliage, no disease.

CUPCAKE, Min. (Spiers '81). MP (mp), 60 petals, Award of Excellence '83. Freeman (5 pls 5 yrs 8", Ont): Colour like pink icing - gorgeous. Perfect exhibition form blooms, loads of them and they keep coming all season, great substance - my favourite all-round mini. Compact grower, hardiness is good. Hopkins (1 pl 1 yr 12", Ont): Double bloom, exhibition HT form, excellent substance, mostly singles. Dark green foliage, no disease. Lacroix (1 pl 1 yr 24", Que): Excellent HT form, very good substance, doesn't fade, profuse bloomer - a beautiful miniature rose. A bit large for a miniature - I hope they come up with a new classification for the so-called 'sweetheart rose' - this rose is a perfect example. Tall spreading growth habit, very good foliage, no disease. Mychaluk (3 pls 3 yrs, tall, Alta): Classic exhibition form, excellent substance - best MP mini - bar none! Upright vigourous grower, excellent foliage, no disease, excellent for hardiness. (Last year for reporting this rose).

DANDENONG, Min. (McGredy - not reg'd). OR (o-r). Hopkins (1 pl 2 yrs 24", Ont): Double blooms, fairly large, exhibition form, good substance,

blooms drop cleanly. 'Patio' type, dark green foliage, no disease, hardy.

DEBUT, Min. (Jacques Mouchotte Selection Meilland '88). RB (rb), AARS '89. Cochran (2 pls 1 yr 12-14", CA): Splashy red and creamy-white suffused red. Decorative form bloom looks like a fully open dahlia - very beautiful. Excellent substance, long lasting. A little workhorse, very floriferous - blooms seem to cover plant, great for border plant, could be exhibited in open bloom class. Upright branching grower, dark green semi-glossy foliage, no disease so far.

DEEP VELVET, Min. (Jolly '81). DR (dr), 33 petals. Cochran (2 pls 2 yrs 14", CA): Rich blackish-red with thick velvety texture, high centred urn shaped exhibition form, good substance but must be protected against mildew in our foggy weather. Good for exhibition and garden, good repeat cycles. Very bushy compact grower, small medium green foliage. Roberts (1 pl 4 yrs 4', Ont): Deep red velvet 1" blooms - Wow! HT form, fair substance, hold and hold but not many of them. After 4 moves in 4 years it's able to stay in one place - have great hopes for it. Compact grower, small medium green foliage, blackspot, hardiness is excellent. (Last year for reporting this rose).

DILLY DILLY, Min. (mini-flora). (Bennett '85). M (m), lavender, 35 petals. Roberts (1 pl 2 yrs 16", Ont): Decorative form - blooms look so promising, nice high bud to high centred 1\4 open, then it blows full almost while you're watching. Very cheery in the garden. Sturdy grower, large light green foliage, no disease so far.

DOROLA (BENSON & HEDGES SPECIAL), Listed as Mini in MR 9. (McGredy '82, intr. '83). DY (dy), 36 petals. Hopkins (1 pl 4 yrs 24", Ont): Double bloom, garden form, good substance, no fragrance. Patio type plant, compact grower, dark green foliage, disease resistant, hardy.

DWARF QUEEN, Min. (Kordes '82). DP (dp). Lougheed (1 pl 1 yr 12", Ont): A lovely medium pink for me, good form, excellent substance, borne singly and in clusters, attractive in both bud and full bloom. Compact grower, medium green glossy foliage, very disease resistant.

EARTHQUAKE, Min. (Moore '84). RB (rb), variegated red & yellow/reverse yellow, 40+ petals. Mychaluk (1 pl 2 yrs, medium, Alta): Large bloom, poor form and substance, poor growth habit, foliage OK, some mildew, hardiness questionable. On the Richter Scale - maybe a 1.

ELLAMAE, Min. (Saville '86). AB (ab), 35 petals. Cochran (2 pls 2 yrs 13", CA): Golden apricot suffused with orange shadings, HT form blooms with sharp pointed petals, good substance, seem to be blooming every day -

a winner in a Show and great for garden. Vigourous compact grower, dark green leathery foliage, disease resistant. Lacroix (1 pl 1 yr 12", Que): Perfect HT form, very good substance, doesn't fade, a little shy on production but a very nice miniature. Small growth habit, very good foliage, no disease. Magee (1 pl 2 yrs 12", Ont): Deep apricot colour is beautiful. HT buds and fairly double open bloom, medium size, did not repeat too well this year. Some blackspot, hardy. Mychaluk (2 pls 1 yr, medium, Alta): Nice little rose, nice form, opened a little fast for my taste, OK substance - if for nothing else, grow this one for its fragrance. Seems to drop leaves at any temperature change, no disease, hardiness questionable.

FANCY PANTS, Min. (King '86, intr. '87). RB (rb). Cochran (2 pls 1 yr 12-14", CA): Golden yellow blending into red shadings, aging deeper. Best exhibition type with high centres and sharp quilled edges - very beautiful. Excellent substance, floriferous - a must for every mini rosarian. Upright bushy grower, dark green semi-glossy foliage, no disease so far. Freeman (1 pl 1 yr 14", Ont): Velvety red and yellow, lovely bud, good form, great substance, rather large flower for a mini and on a short bush. Blooms don't drop off.

FIDDLER'S GOLD, Min. (Williams '85). DY (dy), 40 petals. Magee (1 pl 2 yrs 12", Ont): Medium to deep yellow - good yellow variety but not the repeat bloom that the best have, such as Rise 'n Shine. Good HT form, opens to a large double open bloom, good substance. Bushy grower, disease free, hardy.

FREEGOLD (PENELOPE KEITH), Min. (McGredy '83). DY (dy), deep yellow/gold reverse, 20 petals. Hopkins (1 pl 3 yrs 24", Ont): Double bloom, garden form, good substance, slow repeater - would not recommend this rose. Compact grower, tiny leaves, some mildew, hardy.

GENTLE TOUCH, Min. (patio-type). (Dickson '86). LP (lp). Duskin (2 pls 2 yrs 18", OR): A very pleasing soft light pink. Small semi-double bloom opens almost at once to flat form, showing bright stamens, excellent substance. Kind of nice to have around - constant bloom in clusters, just right for cutting. Sprawling vigourous grower, very dark small leaves, no disease.

HEAVENLY DAYS, Min. (Saville '88). OB (ob). Kopecky (1 pl 1 yr 18", NE): High centred exhibition form, good substance. Performed well for a first year plant but will reserve judgement until I see how it winters. Upright grower, no disease this year.

HERBIE, Min. (Bennett '87). (mb). Cochran (2 pls 2 yrs 14", CA): Dark lavender with red-purple petal tips, an outstanding combination. High

centres, petals reflex, good substance, bloom will get too large if overfed - I use 1\4 tsp nitrogen plus 1 tsp liquid kelp to 1 gal. water. Long strong stems support blooms well, never needs disbudding. Vigourous grower.

HIGH SPIRITS, Min. (Saville '84). MR (mr), 35 petals. Lougheed (1 pl 1 yr 7", Ont): Medium red open with cream to white eye, excellent form and substance, in clusters - everything about this rose pleases me, including its name. Will definitely increase. Spreading but compact growth habit, dark green foliage, very disease resistant, hardy.

HURDY GURDY, Min. (mini-flora). (McGredy '86). (rb), striped. Duskin (1 pl 1 yr 2', OR): Strictly decorative, semi-double - even so, it will ball in fog. Fair substance, in small to medium clusters, fairly regularly. Some blooms refuse to open. Nothing exciting here. Tall upright grower, full mid-green foliage, some blackspot.

JEAN KENNEALLY, Min. (Bennett '84). AB (ab), pale to medium apricot, 22 petals, Award of Excellence '86. Freeman (2 pls 2 yrs 18", Ont): Gorgeous buds open a bit loose but an outstanding mini, good substance. Lost my first bush, got a new one this year and in this summer's heat it went wild - twice as tall as last bush and 10 times as much bloom. Tall grower, no disease. Hopkins (1 pl 2 yrs 2', Ont): Fairly large double bloom that fades to off white, exhibition form, excellent substance, prolific, long lasting but no fragrance. Dark green foliage, disease resistant, hardy. Kopecky (2 pls 1 yr 2', NE): High centred exhibition bloom, excellent substance. Perhaps the premier Show mini around today but I think Party Girl is as good. Took a long time to secure a plant as demand exceeds supply but the wait was worth the end results. No disease. Lacroix (2 pl 1 yr 24", Que): Beautiful high centred HT-like blooms, very good substance, borne one to a stem, opens quite fast, fades quite fast too. You can't beat it when 1\2 open, quite large for a mini. No disease. Mychaluk (1 pl 2 yrs, tall, Alta): Long lovely exhibition buds, classic form bloom, good substance - I find this one and Loving Touch almost indistinguishable. Disease free, hardiness OK. Porter (1 pl 1 yr 21", Sask): Exhibition form bloom, in clusters and singly, excellent substance. Replaced this one after losing it over winter a few years ago. Lovely colour and form but didn't seem as profuse a bloomer as I expected. No disease.

JELLY BEAN, Min. (Saville '81, intr. '82). RB (rb), 20 petals. Raithby (1 pl 4 yrs 11", Ont): Ovoid bud, pointed (like a small Poker Chip), high centred form bloom, nice colour combination. Tiny grower (a micromini), disease resistant, winters well with a little protection.

JENNIFER, Min. (Benardella '85). PB (pb), light pink/white reverse, 35 petals, Award of Excellence '85. Lacroix (1 pl 1 yr 24", Que): Gorgeous

HT form, very high centres, could use a few more petals, opens very fast, then becomes flat. Wish it could stay 1\2 open - would look like a miniature Pristine. Spreading growth habit, some mildew.

JOE-JOE, Min. (Gene King '85). YB (ob), orange yellow, reverse yellow, 25 petals. Lougheed (1 pl 2 yrs 11", Ont): Medium size cupped form blooms, good substance, mostly singles, slight fragrance. Quite a nice rose - will add another but will plant in full sun to hopefully increase bloom. Upright grower, dark green foliage, disease resistant, hardy.

JOYCIE, Min. (Moore '88). (ob). Cochran (2 pls 1 yr 12-14", CA): Bright orange apricot colour - quite lovely, semi-exhibition form, good substance, in clusters and many one bloom per stem. Produced beautiful blooms all season but needs another to see if it's intermittent. Upright grower, dark green semi-glossy foliage, no disease. Named for Joycie Schimschook, ARS Center.

JULIE ANN, Min. (Saville '84). OR (o-r), 20 petals, Award of Excellence '84. Brown (2 pls 2 yrs 1', B.C.): Perfect exhibition vermilion orange bloom, excellent substance, slightly fragrant. Blooms in sprays and singles, nice for pot plant - super little rose. Bushy grower, no disease.

JUNE LAVER, Min. (Laver '89, intr. '88). DY (dy). Archibald (1 pl 1 yr 7", Sask): 1 1\2" double bloom, large pointed perfect buds, exhibition form bloom, excellent substance. Like it very much for a yellow mini. All our rose bushes suffered a very bad hailstone on June 28th - one or two bushes did not recover. Low bushy grower, attractive foliage, no disease. Blyth (1 pl 1 yr 10", Ont): Long pointed buds, exhibition HT type blooms, good substance. Just an excellent little yellow miniature, blooms repeatedly all summer. Spray for spidermite, hardiness is good. Brown (1 pl 1 yr 12", B.C.): Very rich yellow, classic HT exhibition form, excellent substance, long lasting. Not as vigourous as I would like but perhaps as it gets established it will perform better. No disease. Caldwell (1 pl 1 yr 12" Ont): Gorgeous HT form, opens slowly, many petals. Late summer and September - magnificent. I love this rose - a fitting rose named for a fine person! No disease. Lacroix (2 pls 1 yr 12" Que): Beautiful rose - outstanding HT form, excellent substance, some fragrance, roses a bit large for size of plant. Could be a little more productive. No disease. Magee (1 pl 1 yr 9", Ont): Beautiful HT buds that hold well, open blooms lighten colour gradually - a distinctive new variety. Foliage a little large, healthy. Mychaluk (1 pl 1 yr, low, Alta): Sweetheart type, beautifully formed, classic exhibition type, excellent substance. Blooms are gorgeous but they are so heavy that the stems aren't strong enough to hold them up. Mildews. Porter (1 pl 1 yr 7", Sask): Medium yellow fading to cream. Double, rather large blooms opening with recurved petals to star-shaped exhibition form, excellent

substance, in small clusters, fairly continuous. Perhaps lacking a bit in vigour but always a few blooms. Flowers were pale in summer and fall, performed as well or better than a new plant of Rise 'n Shine. Foliage severely attacked by leafcutter bee, no disease. Wade (3 pls 1 yr 8", Ont): Very good exhibition form, good substance - stands up to heat, mostly singles, good repeat bloom - very pleased with this rose - haven't competed with it yet. No disease.

KITTY HAWK, Min. (mini-flora). (Bridges '86). (pb), deep pink/reverse lighter pink, 29 petals. Cochran (3 pls 3 yrs 14", CA): Excellent deep pink colour, 'sweetheart bloom' size, semi-exhibition form, very floriferous, beautiful in English Box Class. Long lasting as cut blooms, lovely garden variety. Vigourous upright grower, large dark glossy foliage. I spray regularly every two weeks - no disease problems. Hope to reduce bloom size with feeding programme.

LAVENDER JADE, Min. (Benardella '87). MB (mb). Magee (1 pl 2 yrs 14", Ont): A large HT bud, very attractive in both bud and open bloom, good substance - one of the better lavender varieties, scented. Bushy grower, healthy, hardy. Mychaluk (1 pl 2 yrs, tall, Alta): Large exhibition type, OK substance, fantastic fragrance - on a warm night it hangs in the air. Same problem that a lot of 'sweetheart' roses have - stem could be stronger. Some blackspot. Porter (1 pl 1 yr 17", Sask): Large bloom, exhibition form, good substance, borne mostly singly and sparingly. Thrips infested the blooms and spoiled nearly every one. Good stems for cutting, nice fragrance, would like more bloom. No disease.

LITTLE ARTIST (TOP GEAR), Min. (McGredy '82). RB (rb), opens with red hand-painted marks, becoming solid medium red with off white in base and reverse, 10-12 petals. Magee (1 pl 2 yrs 14", Ont): Semi-double bloom with good form and substance, colour is always striking. Blooms in bursts, plant completely covered - one of the best miniature roses. Bushy grower, disease free. Porter (2 pls 5 yrs 19" Sask): Cupped to flat form, excellent substance, in clusters, profuse bloomer, sets hips. Reliable performer, unusual hand-painted effect is eye-catching but sometimes colour lacks intensity. No disease, hardy with protection.

LITTLE JACKIE, Min. (Saville '82). OB (ob), light orange-red/yellow reverse, 24 petals, Award of Excellence '84. Brown (4 pls 2 yrs 2-2 1\2', B.C.): Elegant 1 1\2" exhibition form blooms, excellent substance, fragrant. Would not be without this super little rose - never stops blooming, I can cut a bowl of minis almost any day of the growing season. Tall and bushy, no disease. Freeman (1 pl 2 yrs 2', Ont): Salmon and red, huge amount of bloom, quick repeat but form only so-so for me. I keep it because it gives so many flowers, but it's not my favourite. No disease. Johnson (1

pl 5 yrs 36", Que): Exhibition form, good substance, but fades as it matures. Tall growth habit, plentiful foliage, hardiness OK. Blackspot started with minis (Little Jackie somewhat resistant) - thought it was under control. While away, minis recovered but it had spread throughout large bed. Kopecky (1 pl 3 yrs 2'6", NE): Large high centred exhibition form, very good substance. Little Jackie is as large as some of my floribundas, but the amount of bloom is outstanding and the colour combination is a bonus. Disease resistant, hardiness is excellent.

LOVEGLO, Min. (Williams '83). LP (lp), light coral pink and cream, 40+ petals. Raithby (1 pl 2 yrs 9-10", Ont): High centred form, good substance, blooms get better as plant establishes - much better 2nd year than first. Low bushy grower, leathery foliage, does mildew and a little blackspot, seems winter hardy.

LOVING TOUCH, Min. (mini-flora). (Jolly '83). AB (ab), 25 petals, Award of Excellence '85. Balcom (1 pl 4 yrs, medium, Ont): Exhibition form, best in bud stage, good substance. Medium growth habit, dark green foliage, no disease, hardiness is excellent. Mychaluk (2 pls 2 yrs, tall, Alta): High centred classic form - possible exhibition, excellent substance, one to a stem. Apricot blends can be rather ho-hum - this is one of the better ones. No disease noted, hardiness OK.

MAKE BELIEVE, Min. (Moore '86, intr. '85). MB (mb), mauve and white blend/reverse red-purple, 10 petals. Magee (1 pl 2 yrs 15", Ont): Beautiful open bloom, unique colour, lovely in June but didn't repeat well - needs extra water and fertilizer to get more repeat bloom. No disease, hardy.

MARTY'S TRIUMPH, Min. (Bischoff '85). PB (pb), bright coral pink/white reverse, 28 petals. Duskin (1 pl 2 yrs 1 1\2', OR): Exhibition HT shape, excellent substance, blooms coming regularly all season, usually singles, few clusters. A pleasant surprise - a clean crisp looking rose that holds on plant or cut - will add two more. Upright vigourous growth habit, mid green attractive foliage, no disease.

MILLIE WALTERS, Min. (Moore '84). DP (dp), coral pink, 45 petals. Roberts (1 pl 3 yrs 12", Ont): High centred form, excellent substance, continuous bloom - even through a move. Definitely has Show potential, vigour super. Bushy grower, small medium green matt foliage, no disease, very hardy.

MINNIE PEARL, Min. (Saville '82). LP (pb), light pink/reverse darker, 29 petals. Balcom (3 pls 3 yrs, tall, Ont): Excellent form and substance, very floriferous, long lasting blooms - could rank as one of the best minis in the last 20 years. Upright grower, dark green foliage, disease resistant,

hardiness excellent. Brown (6 pls 2 yrs 18", B.C.): Elegant buds, excellent form bloom, excellent substance, borne one to a stem. Cut blooms last forever making it excellent for Show or in flower arrangements. No disease. Freeman (3 pls 4 yrs 12", Ont): Pale pink edged deeper pink-mauve, absolutely perfect blooms, one to a stem, great substance - the classiest flower of any mini I know. A 'must have'. Just wish it repeated a little faster. No disease. Grindle (2 pls 2 yrs 16-20", Man): Very long bud opens nicely to very good form bloom, very good substance, many singles with long stems. Like this rose very much, very good for cutting and exhibition, blooms quite freely through the summer. No disease, very hardy. Hopkins (1 pl 4 yrs 24", Ont): Small high centred exhibition form bloom, excellent substance - a top rated exhibition rose. Disease resistant, hardy. Lacroix (1 pl 1 yr 24", Que): My favourite miniature - beautiful colour, super Show quality HT form, outstanding substance - if you have to find a fault for this rose it is perhaps too large. No disease. Mychaluk (2 pls 2 yrs, tall, Alta): Long buds, classic exhibition form, excellent substance, lots of bloom - one of the best - right up there with Peaches 'n Cream. No disease, hardiness is great. Roberts (2 pls 4 yrs 15" Ont): The 1" high bud opens to a 1 1/2" perfect HT form bloom, excellent substance, one to a stem, bush covered with bloom all season. Wonderful for exhibiting - holds well even in heat, but does water spot. Blackspot, winter kills to ground each year. Schultz (2 pls 1 yr 24", Alta): Excellent form and substance, profuse, holds colour and petals well, best mini in the garden. If conditioned, bloom will last up to 20 days - just try this one. No disease.

MOUNTIE, Min. (Laver '85). MR (mr), 35 petals. Balcom (4 pls 2 yrs, Ont): Exhibition form, good substance, long lasting and lots of bloom. Vigourous bushy grower, dark green foliage, no disease, hardiness excellent - a great addition to my garden. Grindle (2 pls 2 yrs 14", Man): Cherry red or scarlet, high centred form, good substance. This is the 3rd year for Mountie - still doing very well in this colder climate. No disease, hardy. Kopecky (1 pl 2 yrs 15" NE): Large high centred bloom, sometimes exhibition, very good substance. Another mini with too large a bloom - seems like we are getting close to creating another class of roses if this trend continues. Disease resistant, hardiness is good. Lacroix (1 pl 1 yr 16", Que): Excellent form, very good substance, mostly in clusters, long lasting, short stems, does not fade - a must for every rose garden - outstanding garden miniature always in bloom. No disease. Mychaluk (1 pl 1 yr, tall, Alta): Potential exhibition, best quality is its good colour, OK substance, wish it bloomed more. No disease noted. Porter (1 pl 4 yrs 12", Sask): Exhibition form, excellent substance, in clusters, fairly continuous, fairly reliable performer, brilliant colour. Stems a bit short for cutting. No disease, hardiness OK with protection.

MY SUNSHINE, Min. (Bennett '86). MY (my), medium yellow aging soft

orange, bright yellow stamens, single. Duskin (2 pls 2 yrs 2', OR): Single crisp blooms constantly adorn plant, excellent substance - sure am being converted to single minis - this one is good. Some complaints about aging to orange. Vigourous strong grower, dark green plentiful foliage, no disease.

NEW BEGINNING, Min. (Saville '88). (ob), 45-50 petals, AARS '89. Cochran (1 pl 1 yr 20-24", CA): Bright yellow and orange-red blend with light yellow centres. Decorative blooms with compacted petals, not for exhibition, excellent substance - different variety than any other miniature introduced. Can be used in many types of planting - trained on low trellis, pegged on banks, even in hanging baskets, outstanding for landscaping use. Disease resistant.

OLD GLORY, Min. (mini-flora). (Benardella '88). MR (mr), medium red/yellow base. Cochran (2 pls 1 yr 20", CA): Looks more orange than red in this climate - beautiful. Well formed HT bloom, excellent substance, holds well as cut bloom, super for garden colour as well as Show winner. Tall vigourous grower, lots of dark green foliage, no disease. Duskin (2 pls 1 yr 1 1\2', OR): Large loose shaggy bloom, fair substance, comes mostly singly, very poor colour here. A real disappointment, no shape and an unpleasant colour. Spreading grower, dark plentiful foliage, no disease. Kopecky (2 pls 1 yr 18", NE): Large high centred bloom, very good substance. Another of the super big minis - mini to me means small and this is on the hefty side. Good first year growth but don't think it will be a Show winner. No disease. Magee (1 pl 1 yr 17", Ont): Fine HT bud, not many petals but holds well, bloom wavy, good substance. First year it grew well and gave quite a few blooms. Healthy. Porter (1 pl 1 yr 12", Sask): Large bloom, mostly cupped form, opening quickly to show stamens, good substance, borne singly or in small clusters. Very disappointed - not many flowers and even they were very fleeting. No disease.

ONTARIO CELEBRATION, Min. (Laver '83, intr. '84). OR (o-r), 35 petals. Blyth (2 pls 3 yrs 25", Ont): Excellent high centred form, good substance, a very strong healthy mini that just blooms repeatedly all summer. Makes an excellent show along a walk or as a border. No disease, hardy.

ORANGE CHARM, Min. (Williams '82). OR (o-r), 40+ petals. Magee (1 pl 1 yr 16", Ont): Orange pink/deeper reverse, short HT bud opens to a large well formed double bloom, good substance. A fine new variety that is a free bloomer and showy. Most attractive for me when the weather brings out the orange shading. Bushy grower, medium green foliage, mildews.

PARTYGLO, Min. (Williams '84). YB (yb), 35 petals. Raithby (1 pl 1 yr 17", Ont): Colour is gorgeous - yellow with pink petal edges, yellow reverse.

High centred form, good substance. Spreading upright grower, slow to establish but worth the wait. Glossy foliage, seems disease resistant.

PEGGY JANE, Min. (Peggy L. Utz '86). LP (lp), Light pink with lighter petal edges and base. Raithby (1 pl 1 yr 15", Ont): Very attractive colour, HT form, good substance, lots of blooms this summer, in sprays and singles - worth keeping. Upright grower, small foliage, blackspot.

PEGGY "T", Min. (King '88). MR (mr). Duskin (2 pls 1 yr 1', OR): Very unusual single miniature, turkey red\ star-shaped white centre. Blooms all on single stems, prolific, holds exceedingly well for a mini - it's different. Vigourous sprawling grower, dark green foliage, no disease.

PHYLLIS SHACKELFORD, Min. (Moore '87). OB (ob). Duskin (2 pls 2 yrs 18", OR): Attractive pinky orange, fairly large classic shape in early stages, in constant bloom, usually one to a stem, excellent substance, a good producer of cut flowers - very popular here. Sprawling vigourous grower, olive green dull foliage, no disease.

PIERRINE, Min. (Williams '88). (mp). Cochran (2 pls 1 yr 14-16", CA): Soft coral pink with luscious sheen - very beautiful, non-fading. Outstanding exhibition form blooms open slowly, super substance, very floriferous, borne on firm stems, fragrant. To reduce size I reduced nitrogen to 1\4 tsp to 1 gal. water, adding 1 tsp Kelp-sealife to green them up. Upright branching grower, dark green foliage, no disease.

PINK BOUNTY, Min. (Williams '84). MP (mp), 35 petals. Raithby (2 pls 2 yrs 7", Ont): High centred HT form bloom, good substance, colour is lovely blend of cream and pink, blooms have been plentiful. Lost one plant to winterkill but replaced it. Low spreading grower, leathery foliage, resistant to blackspot but does mildew.

PINK PORCELAIN, Min. (Bennett '83). LP (lp), 23 petals. Raithby (1 pl 1 yr 18", Ont): Form is outstanding but blows sooner than I would like, good substance, in sprays and single blooms, plentiful - I like this rose. Upright grower, glossy green foliage, blackspots.

PINK SHERI, Min. (Rennie '85). LP (lp), light pink/light creamy yellow base, 18 petals. Grindle (2 pls 1 & 2 yrs 16", Man): Double bloom, very full form, very good substance, long lasting and blooms quite frequently - very pleasing. Good for exhibition - a prize winner. Vigourous upright grower, medium green foliage, no disease, hardy.

POTLUCK YELLOW, Min. (Laver '85). MY (my), 20 petals. Freeman (1 pl 2 yrs, tree, Ont): Bright yellow, nice bud opens into decorative form

bloom, continuously heavy bloomer. Nice garden rose and makes a super tree because of its free blooming ways. Very compact grower. Grindle (1 pl 1 yr 12", Man): Creamy white to light yellow, nicely formed symmetrical bloom, quite good substance, bloomed very well 1st year but winter killed. Compact grower, no disease.

PRAIRIE SCHOONER, Min. (King '86). (rb), red/reverse yellow edged pink, 22 petals. Cochran (2 pls 1 yr, CA): Good colour combination, lovely high centred exhibition form bloom, excellent substance, borne 1 per stem and large sprays, floriferous. One of my favourites - for Show or garden. Upright grower, small dark foliage, no disease.

PUCKER UP, Min. (Bennett '84). OR (o-r), 23 petals. Roberts (1 pl 1 yr 14", Ont): HT form, good substance, quantity so-so but 1st year for it. Upright bushy grower, medium size semi-glossy foliage, some blackspot. I grow only minis so far but this one reminds me of entries I saw in a class of Tropicanas - hope the similarity continues.

RADIANT, Min. (mini-flora). (Benardella '87, intr. '88). OR (or). Archibald (1 pl 1 yr 16", Sask): Orange vermilion. Large double to semi-double 2" bloom, exhibition form but flat when old, excellent substance - another excellent new orange miniature with large blossoms. Tall grower, shiny foliage, no disease. Cochran (1 pl 1 yr 4-5', CA): A climbing miniature - can produce many shapes by pinching the front canes at 14" to develop shorter canes, and tying the full tall canes across a trellis in the back - can produce many roses along long stems 10-12 ft. tall. Super orange-red that seems to glow, non-fading. Exhibition form, excellent substance, floriferous, for Show or garden. Needs spraying every two weeks.

RAINBOW'S END, Min. (Saville '84). YB (yb), 35 petals, Award of Excellence '86. Mychaluk (2 pls 2 yrs, tall, Alta): Yellow blend changes to white and red with age, nice decorative form, excellent substance, always in bloom - one of the better minis for the garden. To exhibit cut it tight. Very strong grower, medium green foliage, no disease, hardy.

RED BEAUTY, Min. (Williams '81). DR (dr), 35 petals. Hopkins (1 pl 2 yrs 15", Ont): Exhibition form, excellent substance, blooms drop cleanly. Upright grower, disease resistant. Mychaluk (1 pl 1 yr, tall, Alta): Exhibition form but opens flat, good substance, petals hang on forever - actually have to remove them. OK for a mini but I can't get excited about it. Tall strong grower, well foliated, no disease, hardy. (Last year for reporting this rose).

RED LOVE, Min. (Williams '84). MR (mr) 35 petals. Magee (1 pl 2 yrs 18", Ont): Medium size HT buds and blooms, colour a bit variable from bright red to dull rose red, good substance, blooms last well, did not repeat

too well this year. Bushy grower, hardy.

RING OF FIRE, Min. (Moore '86, intr. '87). YB (yb). Magee (1 pl 1 yr 16", Ont): Very double medium size bloom, buds not exhibition, decorative pompom form bloom. Looks promising, will be showy. Bushy upright grower, healthy.

ROBIN RED BREAST, Min. (Interplant '83). RB (rb), dark red with white eye/reverse silver. Duskin (3 pls 3 yrs 1', OR): Bright single with white eye, in large clusters, excellent substance. My plant is always being depleted from friends taking cutting. Won the trophy as Best Single Miniature at seven shows in the last three years - really is a conversation piece. Spreading vigourous grower, small dark green foliage, disease free.

ROLLER COASTER (MINNIE MOUSE), Min. (McGredy '87). RB (rb). Duskin (2 pls 2 yrs 3', OR): Red with white stripes. Masses of semi-double small decorative blooms in large and medium clusters, constantly. Very unusual and interesting mini, no two blooms the same. Lasts a long time when cut, looks great in a crystal vase. Wow, what comments at rose meetings. Vigourous spreading grower, needs room, bright green shiny foliage, absolutely no disease.

ROSE GILARDI, Min. (Moore '87). RB (rb)(striped), red with white stripes, 9 petals. Cochran (1 pl 2 yrs 18-20", CA): Pale pinkish white and red striping, semi-single blooms look best fully opened, decorative form, good substance, in clusters of 7-8 on long stems, very floriferous, with moss. Nice colour, produces many sprays showing different striped blooms. Vigourous spreading grower, gets too stiff when grown in full sun - best with morning sun and afternoon shade. Glossy dark green foliage, disease resistant so far.

ROYALGLO, Min. (Williams '86). M (m), 40 petals. Raithby (1 pl 1 yr 25", Ont): Has a tendency to ball in centre, exhibition form, excellent substance, colour very attractive - deep pink-lavender, blooms abundantly and fast repeat - a very nice rose. Spreading upright grower, appears disease resistant.

RUTHIE, Min. (Bennett '88). W (w). Cochran (2 pls 2 yrs 14", CA): White with no other colours, high centred HT form Show bloom, good substance, petals drop cleanly. Borne 1 bloom per stem, good repeat cycles. Upright grower with long stiff stems, dark green foliage, no disease so far.

SACHET, Min. (mini-flora). (Saville '86). M (m), lavender, yellow stamens, 30 petals. Lacroix (2 pls 1 yr 18", Que): Strictly decorative form, fair substance, has an antique look but blooms don't last very long, quite large

for a miniature. The most fragrant miniature I've encountered. Sprawling growth habit, good foliage, some mildew.

SANS SOUCI, Min. (Laver '86). DP (dp). Lacroix (1 pl 1 yr 16", Que): Classic HT form, form resembles Starina but the colour is fuchsia pink - a real beauty. Outstanding substance, profuse bloomer, reliable. I don't usually like mauve roses but this one is special. Compact grower, glossy foliage, some mildew. Mychaluk (2 pls 2 yrs, medium, Alta): Sparse bloomer, OK form and substance. Weak growth habit, OK foliage, blackspot, hardiness is poor - not impressed.

SEASPRAY, Min. (McGredy '83). PB (pb), pale pink/flushed red. Grindle (1 pl 2 yrs 2', Man): Very nice shell pink. Very vigourous plant covered with bloom in early July, occasional bloom throughout summer. Compact grower, medium to dark green foliage, very little disease, fairly hardy.

SMALL SLAM, Min. (Laver '87). DR (dr), 50 petals. Magee (1 pl 2 yrs 10", Ont): Deep non-fading red, bud is not exhibition but open bloom is well formed, very good substance, long lasting, could repeat more. Bushy short grower, foliage in proportion, no disease, hardy.

SNOW BRIDE, Min. (Jolly '82). W (w), 20 petals, Award of Excellence '83. Brown (3 pls 1 yr 8", B.C.): White with cream center, beautiful classic HT exhibition form, good substance. Hope my plants show a bit more vigour next year as the bloom itself is the best white I have had so far. No disease. Kopecky (2 pls 3 yrs 15", NE): High centred exhibition bloom, very good substance. An excellent miniature for me - form is always exhibition - one of the better ones around. Upright bushy grower, no disease so far, hardiness is very good. Roberts (2 pls (1 in 1 out) 4 yrs 12", Ont): 1" double bloom, high centred form, good substance, repeat slow but bloom worth waiting for. Rivals Pacesetter and Starglo - plant size is easier to handle than Pacesetter in a small garden, and the colour much clearer than Starglo. Form holds well - would just like more of them. Blackspot, hardiness excellent.

SNOWFALL, Cl. Min. (Lemrow '88). W (w). Cochran (1 pl 1 yr 5', CA): White blooms with trace of nude-pink in centres, HT exhibition form, good substance. In many clusters with 4-6 in a spray. An everblooming mini climber, provides delicate
bouquets all season, planted in the background they will send up canes 8-12 ft. tall. I contain the growth in a planter and pinch them at 14", many shorter canes develop better. No disease if sprayed.

SPICE DROP, Min. (micro-mini). (Saville '82). AB (lp), light salmon pink, 35 petals. Raithby (1 pl 4 yrs 6", Ont): An attractive bloom, HT form, good

substance. Lovely border plant due to size. Small upright grower, glossy foliage, disease resistant, winters well with little protection.

SUMMER BEAUTY, Min. (Williams '86). DY (dy), 45 petals. Magee (1 pl 1 yr 14", Ont): Bright light yellow for me, very double bloom, buds often have hollow centre, not exhibition, quite a bit of repeat bloom. Bushy grower, mildews.

SURFER GIRL, Min. (Rennie '88). (or). Freeman(1 pl 1 yr 12") Lovely coral pink blooms but very large and do not fall off bush as they age. Beautiful form, great substance. Very good if you like large flowered minis and a lot of gorgeous bloom but you will have to cut off spent flowers. Bush is 1 1\2' across.

TWILIGHT TRAIL, Min. (Williams '85). MB (mb), lavender-tan, 35 petals. Magee (1 pl 2 yrs 16", Ont): HT bud and large double open bloom - not showy but so attractive. Free bloomer, repeats well, fragrant. Bushy grower, a bit of mildew, hardy.

WHISTLE STOP, Min. (McGredy '88, intr. '89). (rb). Duskin (1 pl 1 yr 2 1\2', OR): White with very pale stripes, semi-double decorative form bloom, very good substance, in small to medium clusters, constant bloom. Needs heat to bring out the pale stripes. Women are very partial to this, calling it very feminine. Doesn't hold as well as Roller Coaster. Vigourous upright grower, shiny foliage, no disease.

WHY NOT, Min. (Moore '83). RB (rb), medium red/yellow eye, 7 petals. Magee (1 pl 3 yrs 10", Ont): Single bloom very attractive when first open, yellow fades. Would like this rose if it grew taller. Good substance, rather weak grower.

WILFRID H. PERRON, Min. (Laver '89, intr. '88). MP (mp). Freeman (1 pl 1 yr tree, Ont): Coral pink, very full pompom of a bloom, lots of them, good repeat. Definitely not exhibition but makes a very nice garden display, and a lovely little tree because it's so floriferous. Bushy compact growth habit. Wade (3 pls 1 yr 6", Ont): Very floriferous double blooms with extremely good repeat. Decorative form, good substance - blooms stand up well. One of our favourite garden type roses. Sturdy compact growth habit, medium green foliage, very healthy - resistant to both blackspot and mildew.

WINSOME, Min. (mini-flora). (Saville '85). M (m), red-purple, 40+ petals, Award of Excellence '85. Balcom (1 pl 3 yrs 20", Ont): Orchid colour, very double bloom, exhibition form, good substance. A beautiful little rose if you are into mauve. I first saw it at the WFRS Convention in Toronto. Bushy

grower, dark green foliage, no disease, hardiness is excellent. Brown (2 pls 1 yr 12", B.C.): Lilac-lavender, elegant HT classic blooms, exhibition form, excellent substance. These 1 yr plants have grown 12" - so blooms quite large for a mini. Long lasting and every one perfectly shaped. Vigourous grower, dark green foliage, no disease, hardiness is good so far. Lacroix (1 pl 1 yr 20", Que): Excellent exhibition form with high centres, very good substance, blooms on long stems. Doesn't fade much, a bit large for a miniature, good bloom production. Upright grower, very good foliage, no disease. Mychaluk (1 pl 1 yr, Alta): bloom ?, form ?, substance ?, growth habit?, foliage ?, hardiness ?, a DUD. Was so unspectacular for me that I can't remember anything about it. Pelham (1 pl 2 yrs 22", N.S.): Very full cup shaped form, blooms late into autumn. Small bush but vigourous, glossy green foliage, no disease, hardy with no protection here in Zone 6. A bit vigourous for a miniature, perhaps. Porter (1 pl 4 yrs 22", Sask): Deep rose to mauve, double bloom, exhibition form, good substance. A favourite for vigour, hardiness and floriferousness. Rather tall open vigourous grower, dark green foliage, no disease, hardiness good with protection.

NOTE: LAST YEAR FOR REPORTING THE FOLLOWING MINIATURE:

ANITA CHARLES, ANNE'S DELIGHT, BOJANGLES, BRASS RING,
FELICITY II(BUTTONS 'N BOWS), GINNY, HAWAIIN SUNRISE,
HOT LINE, JOAN AUSTIN, LITTLE ESKIMO, LITTLE RASCAL, PENNY CANDY, PINK CASCADE, RAZZMATAZZ.